

# SERVICE MANUAL

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## LCD TV MONITOR

### LCD32B67 SERIES



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# 1. SPECIFICATIONS FOR LCD TV

## 1-1 GENERAL SPECIFICATIONS

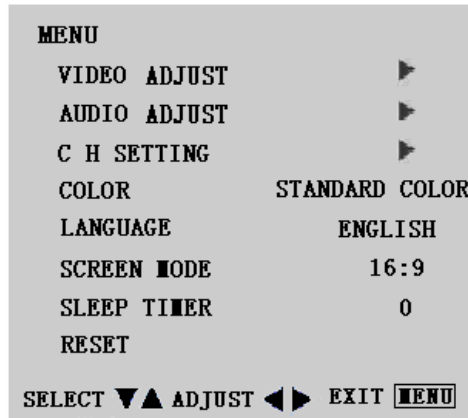
Items		Specification	
LCD Panel	Screen Size	32" TFT-LCD Panel (CMO)	
	Resolution	1366 × 768 (60Hz)	
TV Function	TV Tuning System	PAL B/G、D/K、I、NTSC M,SECOM	
	Sound System	NICAM 、A2、BTSC	
Video Inputs	AV1	RCA × 1	Audio L/R × 1
	AV2	RCA × 1	Audio L/R × 1 (Share)
		S-Video × 1	
	Component	Y,Pb/Cb,Pr/Cr x 1	Audio L/R × 1
	RF	RF × 1	
PC Input	HDMI	HDMI × 1	
	Signal Input	Digital:DVI	
	Signal Input	Analog: D-Sub 15 pin (detachable cable)	
	PnP compatibility	DDC 2B	
	Input frequency	Analog: FH: 31.5KHz to 48KHz FV: 60Hz to 75Hz	
	Recommended	1366 x 768 (60Hz)	
Video Output	Input Audio	Headphone Mini-jack for stereo (3.5ø)	
	Output TV/AV1/AV2	Video output (RCA)	
Audio Output	Audio Output: L / R	Speaker (built-in): Two 10 watt speakers	
		Headphone Mini-jack for stereo (3.5ø)	
		Line Output (RCA L/R)	
Other Function	PIP		
OSD language	Simplified Chinese / English		
Table Stand	Included		
Power	Power Supply	AC100V~240V, 50/60Hz	
	Power Consumption	<140 W	
Environment	Temperature	0 °C ~ + 40 °C	
	Storing temperature	- 25 °C ~ + 60 °C	
	Operating Humidity	10% to 85% non-condensing	
VGA/DVI support form	720 x 400 (70Hz)		
	640 x 480 (60/75Hz)		
	800 x 600 (60/75Hz)		
	1024 x 768 (60Hz)		
	1280 x 720(60Hz)		
Dimension	W x H x D (with chassis and cabinet)	696 x 443 x 250 (mm)	
Weight (net)	Kg (w/o Accessories)	17Kg	
Accessories	Remote Controller, Batteries (AAA×2), AC Power Cord, D-sub Signal Cable, Audio Cable, User's Manual		

## TO USE THE MENUS

1. Press the MENU button repeatedly to display each menu
2. Use the cursor up/down to select a menu item or adjust the setting of Menu item.
3. Use the cursor left/right to enter a submenu or enable the function.
4. Press the MENU button to exit the menu.

### MAIN MENU

Press the **MENU** button into the main OSD (On Screen Display). Adjust item include **VIDEO ADJUST**, **AUDIO ADJUST**, **CH SETTING**, **COLOR**, **LANGUAGE**, **SCREEN MODE**, **SLEEP TIMER**, **RESET**.



### Video Adjust

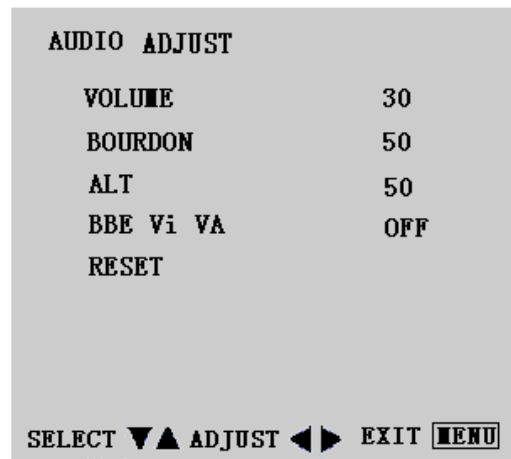


- 1: **Contrast**, **Brightness** and **Saturation** are adjusted from 0 to 100.
- 2: **TINT** User can adjust the favorable tint while the TV system is NTSC, PAL system can't support. The adjustment range is 0 to 100.
- 3: **Black Level** is adjusted from 0 to 100.
- 4: **Sharpness** is adjusted from -5 to +5.  
You can adjust picture contrast, brightness, saturation, tint, black level and sharpness to the levels you prefer.
- 5: **Blue Screen** for when no video input screen will be blue or blank. If it's ON, the screen will be in blue. If it's OFF, the screen will be blank. Preset is ON.
- 6: **3D Mute** When the signal is not well, user can start up the function.
- 7: **Reset** is set up to default value.



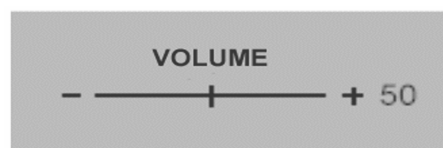
When adjust any item sub-OSD will show up like this.

### Audio Adjust



1. **Volume** is adjusted from 0 to 100.
2. **Bourdon is** is adjusted from 0 to 100.
3. **Alt** is adjusted from 0 to 100.
4. **BBE Vi VA** ON or OFF is for your alternative (when BBE is started , BOURDON and ALT can't be adjusted).
5. **RESET** is set up to default value.

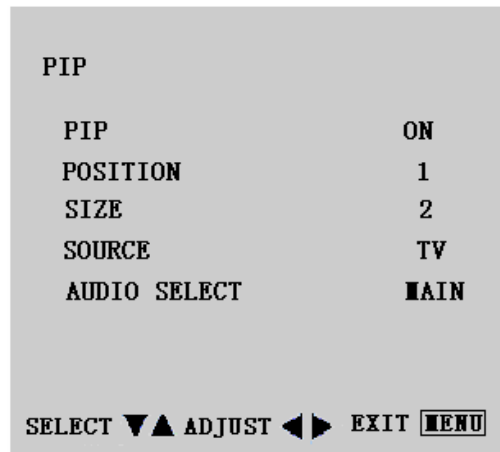
You can adjust picture Volume, Bass and Treble to the levels you prefer.



When adjust any item sub-OSD will show up like this.

### PIP

1. **PIP** function is turn on /off small picture
2. **Position** is move for small picture
3. **SIZE** big picture or small picture, which is for your choice
4. **Source** is choose from TV /AV1/AV2/S VIDEO
5. **Audio select** is choose from MAIN/SUB



**Sleep Timer** is for set a time period after which the TV should switch itself to standby. The counter runs from 30 > 60 > 90 > 120 minutes.

The timer begins to count down from the number of minutes selected after the display has disappeared.

Note: To view the remaining time, press the **SLEEP** button once. To cancel the sleep time, repeatedly press the **SLEEP** button until--- APPEARS. If you turn the TV off after setting the sleep time, the setting will be erased. Set it again.

## Set up



1. **Video System** is used for TV broadcasting system,AUTO/NTSC/PAL.
2. **Audio System** is used for the TV broadcasting audio system, DK system is widely used in China mainland.
3. **CH SEARCH** Is used for search all the TV programs and memorized them into the interior stock.

There are 120 channels in total for TV.If the remote control is pressed beyond 120 channels,the channel will be returned back to the previous one automatically.

4. **Manu Scan** for search TV Program channel by channel.

After scan a new program, press MENU key, it will be automatically saved in the last channel.

5. **Frequency tuning** Tuning of the frequency for the channel so as to get the better effect.
6. **CH SWAP** save the location of current channel and destination channel for each other .

7. **CH SKIP** if the setting is ON, the channel is shielded. Pressing the figure key will be entered into; otherwise, pressing the program key (up and down) is useless. If the channel is to be resumed, it must be set OFF.

## PC Adjust

1. **Auto tune** is the function auto-sizing for VGA input.
2. **Contrast, Brightness, Focus, Clock, H Position, V Position** and **Color** are the functions for PC adjustment.

PC ADJUST	H:31KHz	V:60Hz
CONTRAST		80
BRIGHTNESS		50
FOCUS		0
CLOCK		50
H POSITION		19
V POSITION		67
AUTO TUNE		
RESET		
SELECT ▼▲ ADJUST ◀▶ EXIT MENU		

Color for you can adjust the color temperature you prefer.

COLOR		
► COOL		
WARM		
USER	R	56
	G	56
	B	56
SELECT ▼▲ ADJUST ◀▶ EXIT MENU		



## USE THE REMOTE CONTROL

### POWER

Press to turn on/off the TV.  
The TV is never completely powered off unless it is physically unplugged or or turn off the power switch on the side.

### Video/S-Video

Select your input source to VIDEO or S-VIDEO

### Component/T-LINE

Select your input source to Component or T-LINE

### VGA/DVI

Select your input source to VGA or DVI

### TV

Select your input source to TV

### 0~9/100 Digit buttons

To select a TV channel

### SLEEP

With this key you can set a time period after which the TV should switch itself to standby. Press the key repeatedly to select the number of minutes. The counter runs from 0,15,30,45,60,90,120 minutes. The timer begins to count down from the number of minutes selected after the display has disappeared.

### PIP

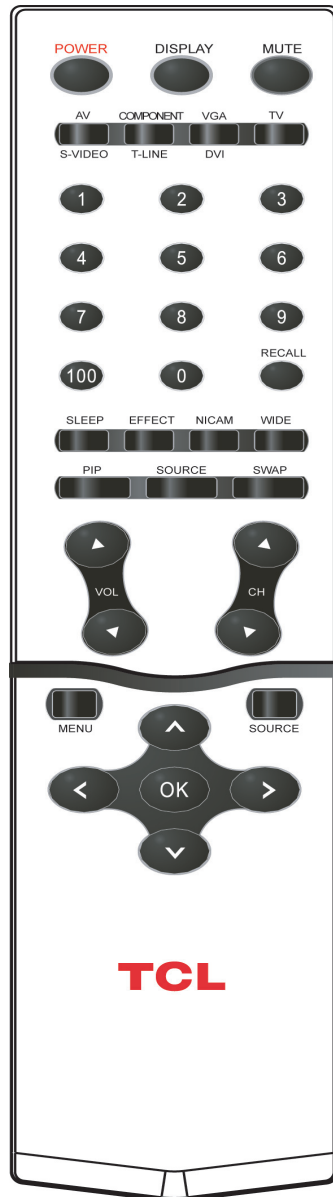
Select PIP on/off to display PC and other sources at the same time((This function will be in effect only during the VGA and DVI input stage).

### VOL

Press ▲ or ▼ to adjust the volume.

### CH

Press ▲ or ▼ to browse through the TV channels which are not erased.



### DISPLAY

- (1) Display Channel number when use RF input.
- (2) Display input source when use other input except TV RF input.

### MUTE

Temporarily interrupt the sound or restore it.

### RECALL

To display the previously selected TV channel.

### EFFECT

You can choose your prefer mode of User、STEREO、CINEMA、NEWS、DDAS、BBE ViVA

### NICAM

To select Mono /Stereo/Sound A /Sound B/Sound AB from TV RF input.

### WIDE

Includes 3 modes: Press repeatedly to select 4:3 /16:9 / 16:9 non-Linear

### SWAP

Not support.

### MENU

Press repeatedly to display OSD menu.

### SOURCE

Press this button to display selected source, press ▲ ▼ button to select.

### OK

Press the button to confirm selection.

### MENU Left/Right button

use this button to confirm selection or adjust the desired parameter; otherwise, to increase/decrease the volume.

### Menu Up/Down button

When in menu mode, use this button to select to the up/down; otherwise, to change TV channels

**1. Input Source Select:**

Press repeatedly Source button to select TV, AV1, AV2, S-VIDEO, COMPONENT or PC mode.

**2. Input Video Signal:**

S-Video level 0.7Vpp: NTSC / PAL / SECAM

Composite Video level 0.7Vpp: NTSC / PAL / SECAM

Video signal termination impedance 75 Ohm

**3. Scanning Frequencies:**

Horizontal: 31.5 KHz ~ 48.36 KHz

Vertical: 60 Hz ~ 75 Hz

**4. PC factory Preset Timing: 7**

Follow VESA standard timing.

Input signal tolerance : H tolerance  $\pm 1$  K, V tolerance  $\pm 1$  Hz

**5. Power Source:**

Switching Mode Power Supply

AC 100 ~ 240 V  $\pm 5\%$ , 50/60  $\pm 3$ Hz Universal Type

**6. Operating Temperature: + 0°C ~ + 40°C**

Storage Temperature: - 25°C ~ + 60°C

**7. Humidity:**

Operating: 10%  $\pm$  85% RH

Storage : 5% ~ 85% RH

**8. Weight for packed: 20.5 Kg****9. External Connection:**

RF Input Connector, 15Pin D-type Connector, 24Pin DVI Connector , AC power-Cord

**10. View Angle: 176° (Horizontal) / 176° (Vertical)****12. Plug and Play: VESA DDC2B****13. Power saving: VESA DPMS****1-2 LCD TV DESCRIPTION**

The LCD TV will contain a main board (include audio), a switching power board, an IR board, a function keyboard, a DPF Board and an Ear phone board. The main board and power board will house the flat panel to control logic I2C bus, DDC, brightness control logic for LCD panel, DC-DC conversion to supply the appropriate power to the whole board and transmitting TTL level signals into LCD Module to drive the LCD display circuit.

The inverter board will drive the sixteen CCFLs (Cold Cathode Fluorescent Tube). The switching power board will provides the power ON/OFF to control the TV and control LED indicator for DPMS. The function keyboard and Remote Control will provide the OSD control signal to the Main Board.

## 2. PRECAUTIONS AND NOTICES

### 2-1 ASSEMBLY PRECAUTION

Please do not press or scratch LCD panel surface with anything hard. And do not soil LCD panel surface by touching with bare hands (Polarize film, surface of LCD panel is easy to be flawed)

In the LCD panel, the gap between two glass plates is kept perfectly even to maintain display characteristic and reliability. If this panel is subject to hard pressing, the following occurs :

- (a) Uniform color
- (b) Orientation of liquid crystal becomes disorder

Please wipe out LCD panel surface with absorbent cotton or soft cloth in case of it being soiled.

Please wipe out drops of adhesive like saliva and water in LCD panel surface immediately.

They might damage to cause panel surface variation and color change.

Do not apply any strong mechanical shock to the LCD panel.

### 2-2 OPERATING PRECAUTION

Please be sure to unplug the power cord before remove the back-cover. (be sure the power is turn-off)

Please do not change variable resistance settings in MAIN-BOARD; they are adjusted to the most suitable value. If they are changed, it might happen LUMINANCE does not satisfy the white balance spec.

Please consider that LCD backlight takes longer time to become stable of radiation characteristic in low temperature than in room temperature.

Please pay attention to displaying the same pattern for very long-time. Image might stick on LCD.

### 2-3 STORAGE PRECAUTION

When you store LCD for a long time, it is recommended to keep the temperature between 0°C -40°C without the exposure of sunlight and to keep the humidity less than 85% RH.

Please do not leave the LCD in the environment of high humidity and high temperature such as 60°C, 85%RH.

Please do not leave the LCD in the environment of low temperature; below -25°C.

### 2-4 HIGH VOLTAGE WARNING

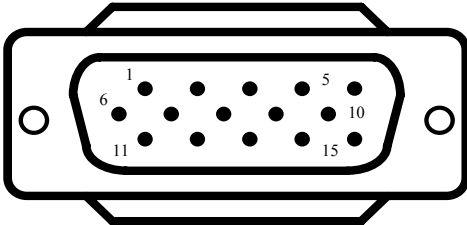
The high voltage was only generated by INVERTER module on Power Board, if carelessly contacted the transformer on this module, can cause a serious shock. (the lamp voltage after stable around 600V, with lamp current around 8mA, and the lamp starting voltage was around 1500V, at Ta=25°C)

### 3. INPUT/OUTPUT SPECIFICATION

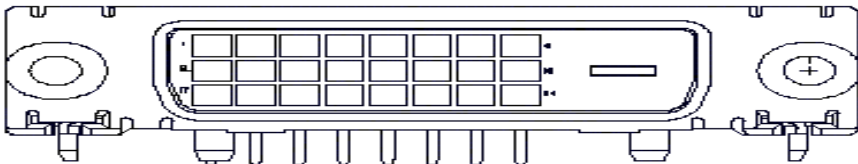
#### 3-1 CONNECTOR DESCRIPTION

1. This procedure gives you instructions for installing and using the LCD TV display.  
the display on the desired operation and plug the power cord into a convenient AC outlet. Three-wire power cord must be shielded and is provided as a safety precaution as it connects the chassis and cabinet to the electrical conduct ground. If the AC outlet in your location does not have provisions for the grounded type plug, the installer should attach the proper adapter to ensure a safe ground potential.
2. Connect the 15-pin color display shielded signal cable to your signal system device and lock both screws on the connector to ensure firm grounding. The connector information is as follow:

#### D-SUB CONNECTOR

PIN NO.	DESCRIPTION	PIN NO.	DESCRIPTION
1	Red Video	9	5V
2	Green Video	10	Sync Ground
3	Blue Video	11	Not Used
4	Not Used	12	Serial Data for DDC
5	Ground	13	H-Sync.
6	Red Ground	14	V-Sync.
7	Green Ground	15	Serial Clock for DDC
8	Blue Ground		
15 - Pin Color Display Signal Cable			
			

#### DVI CONNECTOR

Pin	Meaning	Pin	Meaning	Pin	Meaning
1.	TMDS Data 2-	9.	TMDS Data1-	17.	TMDS Data 0-
2.	TMDS Data 2+	10.	TMDS Data1+	18.	TMDS Data 0+
3.	TMDS Data 2 Shield	11.	TMDS Data 1 Shield	19.	TMDS Data 0 Shield
4.	No Connect	12.	No connect	20.	No connect
5.	No Connect	13.	No connect	21.	No connect
6.	DDC clock	14.	No connect	22.	TMDS Colck Shield
7.	DDC Data	15.	Ground	23.	TMDS Clock +
8.	No Connect	16.	Hot Plug Detect	24.	TMDS Clock -
24 - Pin DVI Layout					
					

3. S-Video ( Y / C ) : TV rear side : 4 pin Mini-DIN female

Component Video:	TV rear side	: RCA female ( Red / Blue / Green )
TV:	TV rear side	: IEC type female
AV1,AV2 :	TV rear side	: RCA female (Yellow )
Audio:	TV rear side	: RCA female (Red / White )
PC Input audio:		3.5mm Stereo female
Headphone		3.5mm female
HDMI	TV rear side	
RF	TV rear side	
Audio Input for AV1,AV2,S-Video, Component Video		: RCA female ( Red / White )
Audio line Out ( to another speaker )		: RCA female ( Red / White )

4. Apply power to the display by turning the power switch to the "ON" position and allow about ten seconds for Panel warm-up. The Power-On indicator lights "GREEN" when the display is on.
5. With proper signals feed to the display, a pattern or data should appear on the screen, adjust the brightness and contrast to the most pleasing display, or press auto-adju to get the best picture-quality.
6. This TV (with PC function) has power saving function following the VESA DPMS. Be sure to connect the signal cable to the PC.
7. If your TV requires service, it must be returned with the power cord.

### 3-2 FACTORY PRESET DISPLAY MODES

#### Analog RGB Signal Timing

Dots × Lines	Vertical Frequency (Hz)	Horizontal Frequency (kHz)	Sync Polarity		Presence		Screen Mode	
			Horizontal	Vertical	Horizontal	Vertical	Normal (4:3)	FULL (16:9)
720 × 400	70.1	31.5	NEG	POS	YES	YES	YES	NO
640 × 480	59.9	31.5	NEG	NEG	YES	YES	YES	NO
	75.0	37.5	NEG	NEG	YES	YES	YES	NO
800 x 600	60.0	37.9	POS	POS	YES	YES	YES	NO
	75.0	46.87	POS	POS	YES	YES	YES	NO
1024 x 768	60.0	48.36	NEG	NEG	YES	YES	YES	NO
1280 x 720	60.0	44.77	NEG	NEG	YES	YES	NO	YES

## 4. ADJUSTMENT

### 4-1 ADJUSTMENT CONTROL FUNCTION

Adjustments items as below:

4-1.1 Power On / Off.

4-1.2 PC

Auto adjustment for Brightness, Contrast, Pixel Clock Frequency, Focus, Picture H / V Position and Color Temperature.

Recall Cool, Warm and User color adjust for Color Temperature.

4-1.3 PIP

Position Select, Video source select, Audio main/sub Select.

4-1.4 TV

Channel Up / Down, Channel Search, Volume Bass / Treble adjusts.

Blue screen / Language / System / CH swap / Manual scan / CH Del Add Reset.

4-1.5 Video

Brightness and Contrast adjust, Saturation adjust, Sharpness and Black level adjust, Reset

### 4-2 ADJUSTMENT METHOD

Press MENU key to show OSD window or exit, Up / Down key to done the function selection, And + / - key to done the adjustment.



### FRONT PANEL CONTROL KNOBS

**Power Key:** This switch shall be visible and accessible on the down right side of front PC frame. Soft Power Switch (TURN ON SYSTEM) and one push of Soft-Power Switch shall turn on the system.

**Power Indicator LED:** This LED will illuminate "Green" light when the product is ON and "Orange" light when the product in stand-by mode.

**MENU Key:** This switch shall be visible and accessible on the left side of **VOL** - switches. Once pressed, this key shall bring up the corresponding OSD menu(s) based on the selected input source.

**CH +/-:** These two switches shall be visible and accessible on the bottom of front panel control keys. While TV is selected as input source, activation of these keys will cycle through all available TV channels. While OSD menu is up, activation of these keys will highlight each available adjustment. The activation time for this switch includes Press and Hold should be less than half second.

**VOL +/-:** These two switches shall be visible and accessible on the bottom of front panel control keys. Activation will increase /decrease loudness of the audio output. In addition, while OSD menu is up, activation of these keys will regulate a pre-selected adjustment. The activation time for this switch includes Press and Hold should be less than half second.

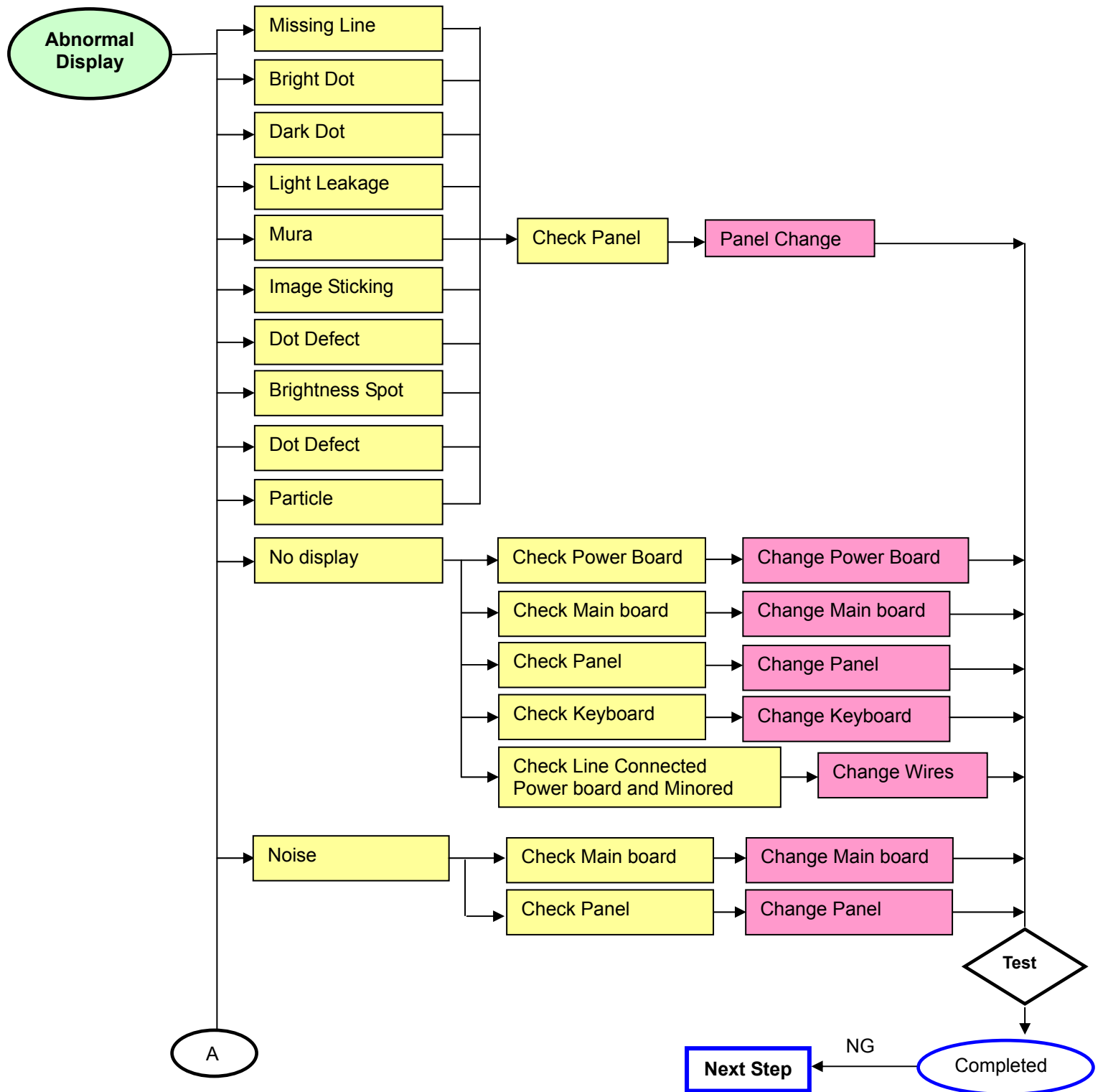
**Source Key:** Press to select your input source.

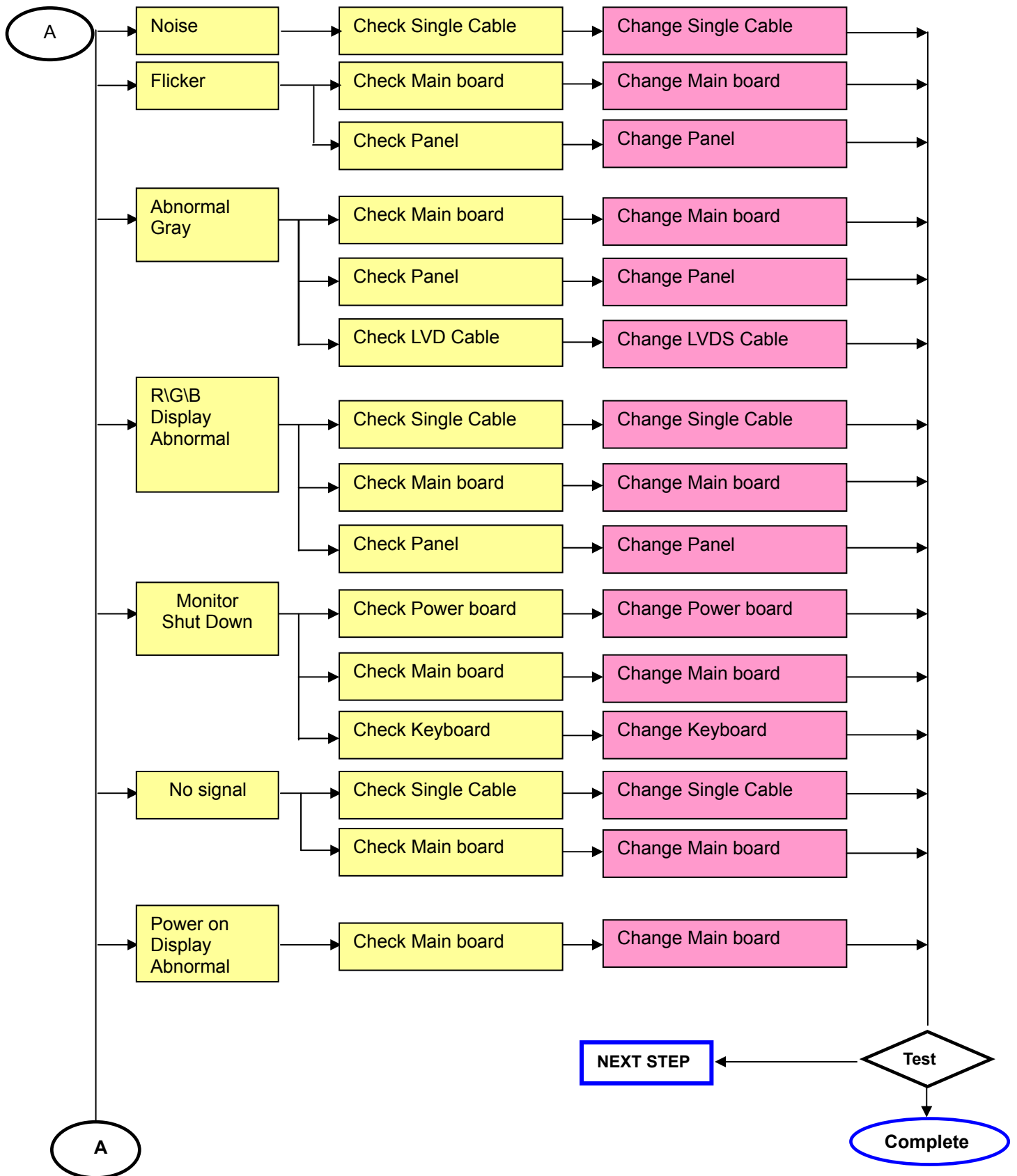
**Headphone:** This connector is designed purpose to use headphone. Once the headphone connected, then the speakers will auto mute on audio output.

**SOURCE:** This switch shall be visible and accessible on the right side of **VOL +** switches. Once pressed, this key show the source can select.

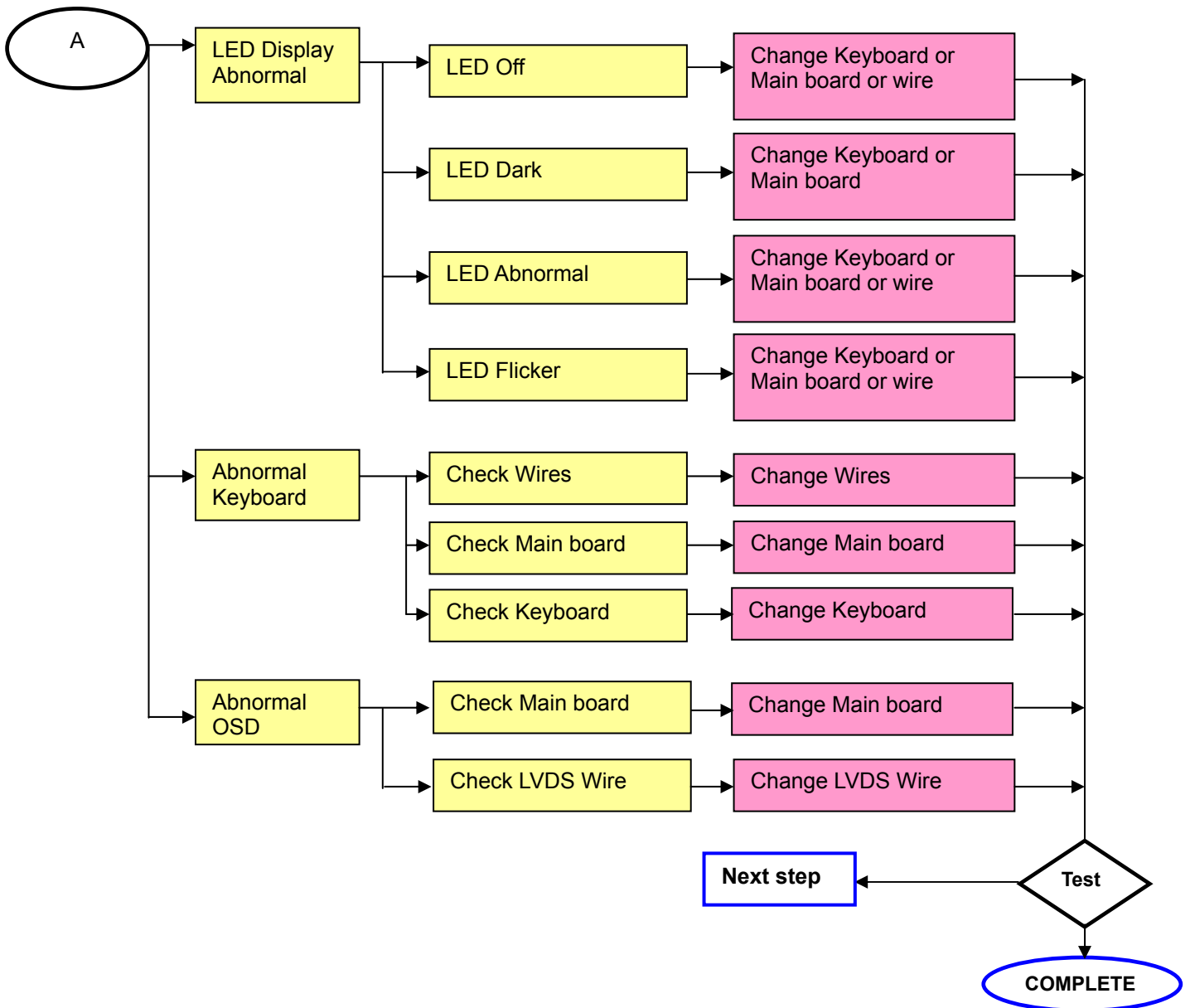
## 5. REPAIR FLOW CHART

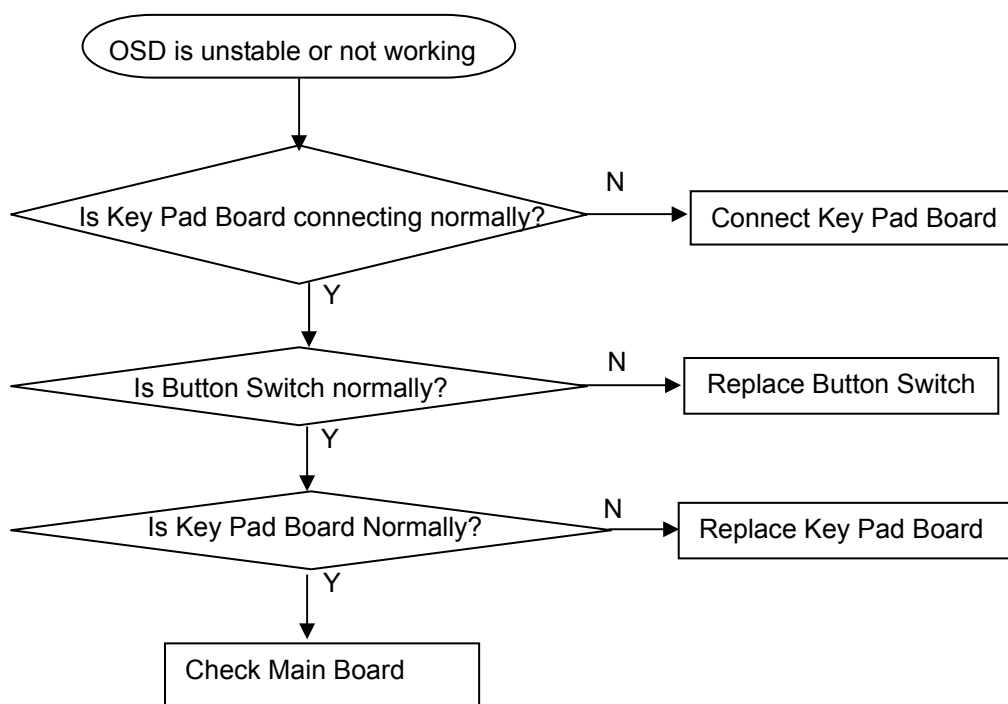
Defect Mode	Failure Analysis	Repair	Testing
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## 6. WHITE-BALANCE, LUMINANCE ADJUSTMENT

Approximately 30 minutes should be allowed for warm up before proceeding white balance adjustment.

Before started adjust white balance ,please setting the Chroma-7120 **MEM. Channel 1 to 9300** color, **MEM. channel 2 to 6500** color, **MEM. channel 3 to 11000** color,and **MEM. channel 4 to 9300** color, ( our 9300 parameter is  $x = 283 \pm 20$ ,  $y = 297 \pm 20$ ,  $Y = 350 \pm 7 \text{ cd/m}^2$  ; 6500 parameter is  $x = 313 \pm 20$ ,  $y = 329 \pm 20$ ,  $Y = 350 \pm 7 \text{ cd/m}^2$  ; 11000 parameter is  $x = 274 \pm 20$ ,  $y = 286 \pm 20$ ,  $Y = 460 \pm 7 \text{ cd/m}^2$  ;9300 parameter is  $x = 283 \pm 20$ ,  $y = 297 \pm 20$ ,  $Y = 460 \pm 7 \text{ cd/m}^2$  ;7000 parameter is  $x = 305 \pm 20$ ,  $y = 320 \pm 20$ ,  $Y = 460 \pm 7 \text{ cd/m}^2$  )

Color Temp.	PC Mode		AV Mode		
	9300	6500	11000	9300	7000
X	0.283	0.313	0.274	0.283	0.305
Y	0.297	0.329	0.286	0.297	0.320
Y	350	350	460	460	460

How to setting MEM.channel you can reference to Chroma-7120 user guide or simple use “**SC**” key and “**NEXT**” key to modify x,y,Y value and use “**ID**” key to modify the TEXT description  
Following is the procedure to do white-balance adjust

- Press Number key 100 → 9 → 9 → 9 will into the factory mode, and press Menu key the OSD will show menu and a word F at **Right top of Menu**.
- In the factory mode select MORE function will into Bias and Gain adjustment.
  1. ADC Adjustment:
    - AL → Auto level adjust.
    - RG, GG, BG → R, G, B Gain adjust.
    - RB, GB, BB → R, G, B Bias adjust.
  2. SCALER Adjustment:
    - CO, BR → Contrast and Brightness adjust.
    - RG, GG, BG → R, G, B Gain adjust.
    - RB, GB, BB → R, G, B Bias adjust.
    - S9, S6, ST , SH → Save 9300, 6500, 9300 color temperature.
    - R9, R6, RT , RH → Recall 9300, 6500, 9300 color temperature.
    - BI → Setup Burn-in mode ON / OFF .
    - ISP → Set ISP ON/OFF .
    - PP → Set PIP ON/OFF .
    - WH → Set Wireless Headphone ON/OFF .
    - SR → Set SRS ON/OFF.
    - CC → Set Close Caption ON/OFF.
    - VC → Set V Chip ON/OFF.
    - EX → Exit MORE function to factory mode menu.

### II. Bias (Low luminance) adjustment :

1. Press “ AUTO” button ,
2. Set the contrast on OSD window to the value=51 , color (user )R,G,B set to “50”
3. adjust the **brightness** on OSD until chroma 7120 measurement reach the value  $Y > 390 \text{ cd/m}^2$

### III. Gain adjustment :

#### A. Adjust 9300 color-temperature :

1. Set the Contrast of OSD function to 45 and Adjust Brightness to chroma-7120  $Y > 390 \text{ cd/m}^2$
2. Switch the chroma-7120 to **RGB-mode** (with press “MODE” button )
3. Switch the MEM.channel to Channel 01 ( with up or down arrow on chroma-7120 )
4. The lcd-indicator on chroma-7120 will show  $x = 283 \pm 20$ ,  $y = 297 \pm 20$ ,  $Y = 350 \pm 7 \text{ cd/m}^2$
5. Adjust the Color(user)Mode: RED on OSD window, until chroma 7120 indicator reached the value  $R=100$
6. Adjust the Color (user) Mode: GREEN on OSD window, until chroma-7120 indicator reached the value  $G=100$
7. Adjust the Color (user) Mode: BLUE on OSD window, until chroma-7120 indicator reached the value  $B=100$
8. Repeat above procedure (Item 5,6,7) until chroma-7120 RGB value meet the tolerance  $=100 \pm 2$
9. switch the chroma-7120 to **xyY mode** With press “MODE” button
10. Press Color (9300) on OSD window to save the adjustment result

**B. Adjust 6500 color-temperature :**

1. Set the Contrast of OSD function to 45 and Adjust Brightness to chroma-7120  $Y > 390 \text{ cd/m}^2$
2. Switch the chroma-7120 to **RGB-mode** (with press "MODE" button )
3. switch the MEM.channel to Channel 02 ( with up or down arrow on chroma-7120 )
4. The lcd-indicator on chroma-7120 will show  $x = 313 \pm 20$ ,  $y = 329 \pm 20$ ,  $Y = 350 \pm 7 \text{ cd/m}^2$
5. Adjust the Color(user)Mode: RED on OSD window, until chroma 7120 indicator reached the value  $R=100$
6. Adjust the Color(user)Mode: GREEN on OSD window, until chroma-7120 indicator reached the value  $G=100$
7. Adjust the Color(user)Mode: BLUE on OSD window, until chroma-7120 indicator reached the value  $B=100$
8. Repeat above procedure ( item 5,6,7) until chroma-7120 RGB value meet the tolerance  $=100 \pm 2$
9. switch the chroma-7120 to **xyY mode** With press "MODE" button
10. Press Color(6500) on OSD window to save the adjustment result

**C. Adjust 11000 color-temperature:**

1. Set the Contrast of OSD function to 45 and Adjust Brightness to chroma-7120  $Y > 390 \text{ cd/m}^2$
2. Switch the chroma-7120 to **AV-mode** (with press "MODE" button )
3. Switch the MEM.channel to Channel 03 ( with up or down arrow on chroma-7120 )
4. The lcd-indicator on chroma-7120 will show  $x = 274 \pm 20$ ,  $y = 286 \pm 20$ ,  $Y = 460 \pm 7 \text{ cd/m}^2$
5. Adjust the Color(user)Mode: RED on OSD window, until chroma 7120 indicator reached the value  $R=100$
6. Adjust the Color(user)Mode: GREEN on OSD window, until chroma-7120 indicator reached the value  $G=100$
7. Adjust the Color(user)Mode: BLUE on OSD window, until chroma-7120 indicator reached the value  $B=100$
8. Repeat above procedure ( item 5,6,7) until chroma-7120 RGB value meet the tolerance  $=100 \pm 2$
9. Switch the chroma-7120 to **xyY mode** With press "MODE" button
10. Press Color (11000) on OSD window to save the adjustment result

**D. Adjust 9300 color-temperature:**

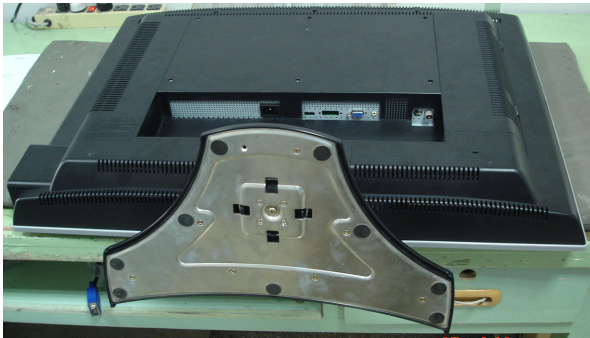
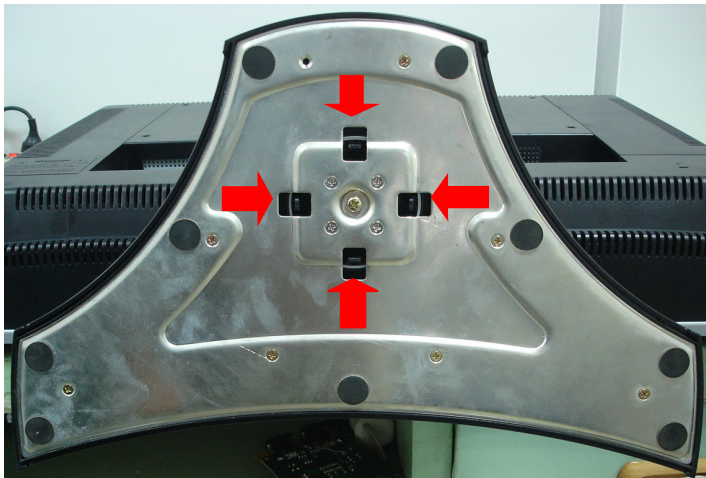
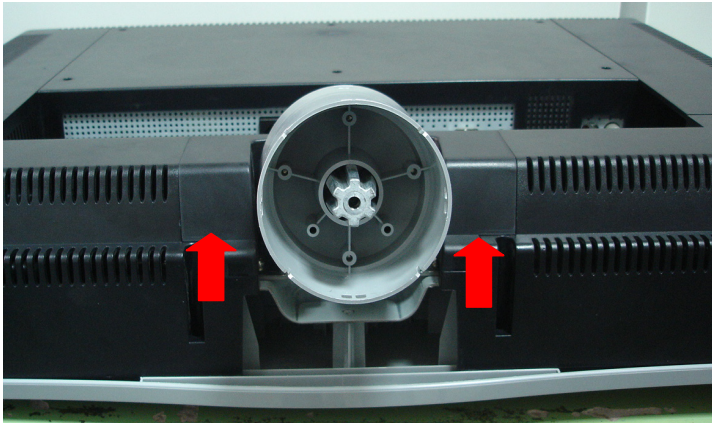
1. Set the Contrast of OSD function to 45 and Adjust Brightness to chroma-7120  $Y > 390 \text{ cd/m}^2$
2. Switch the chroma-7120 to **AV-mode** (with press "MODE" button )
3. Switch the MEM.channel to Channel 04 ( with up or down arrow on chroma-7120 )
4. The lcd-indicator on chroma-7120 will show  $x = 283 \pm 20$ ,  $y = 297 \pm 20$ ,  $Y = 460 \pm 7 \text{ cd/m}^2$
5. Adjust the Color(user)Mode: RED on OSD window, until chroma 7120 indicator reached the value  $R=100$
6. Adjust the Color(user)Mode: GREEN on OSD window, until chroma-7120 indicator reached the value  $G=100$
7. Adjust the Color(user)Mode: BLUE on OSD window, until chroma-7120 indicator reached the value  $B=100$
8. Repeat above procedure ( item 5,6,7) until chroma-7120 RGB value meet the tolerance  $=100 \pm 2$
9. Switch the chroma-7120 to **xyY mode** With press "MODE" button
10. Press Color (9300) on OSD window to save the adjustment result

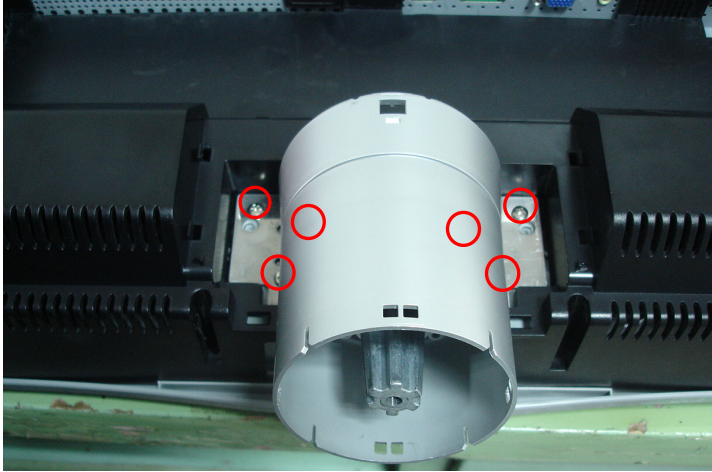
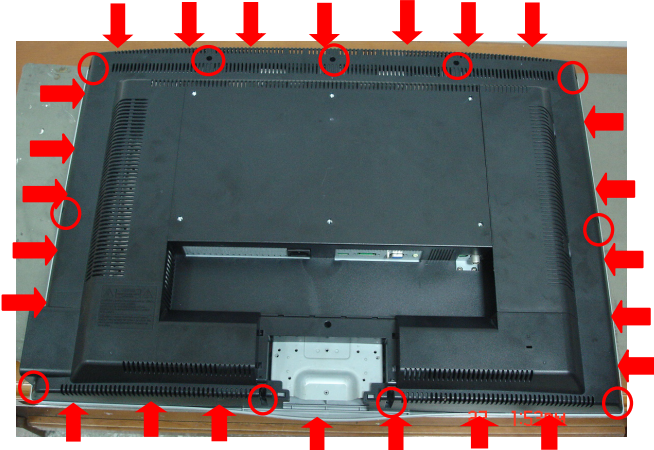
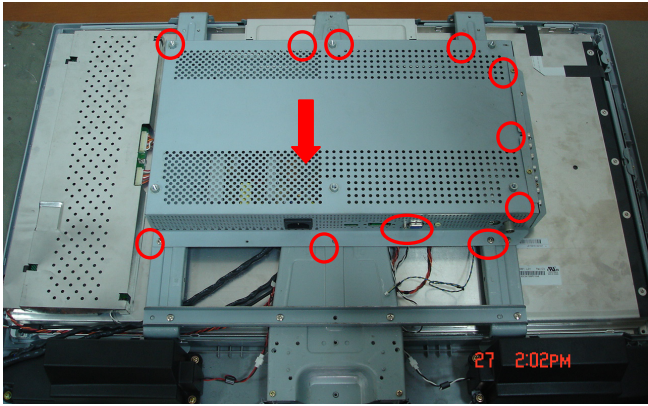
**E. Adjust 7000 color-temperature:**

1. Set the Contrast of OSD function to 45 and Adjust Brightness to chroma-7120  $Y > 470 \text{ cd/m}^2$
2. Switch the chroma-7120 to **AV-mode** (with press "MODE" button )
3. Switch the MEM.channel to Channel 05 ( with up or down arrow on chroma-7120 )
4. The lcd-indicator on chroma-7120 will show  $x = 305 \pm 20$ ,  $y = 320 \pm 20$ ,  $Y = 460 \pm 7 \text{ cd/m}^2$
5. Adjust the Color(user)Mode: RED on OSD window, until chroma 7120 indicator reached the value  $R=100$
6. Adjust the Color(user)Mode: GREEN on OSD window, until chroma-7120 indicator reached the value  $G=100$
7. Adjust the Color(user)Mode: BLUE on OSD window, until chroma-7120 indicator reached the value  $B=100$
8. Repeat above procedure ( item 5,6,7) until chroma-7120 RGB value meet the tolerance  $=100 \pm 2$
9. Switch the chroma-7120 to **xyY mode** With press "MODE" button
10. Press Color (7000) on OSD window to save the adjustment result

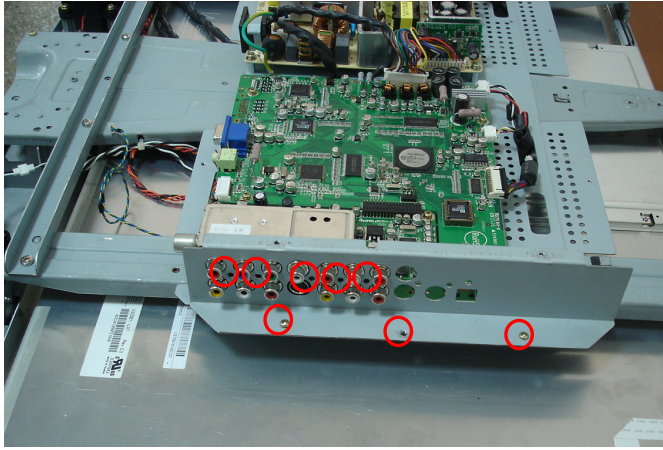
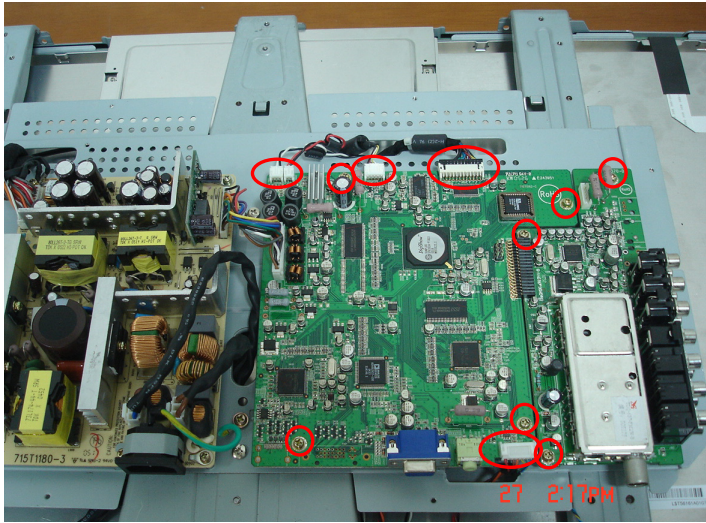
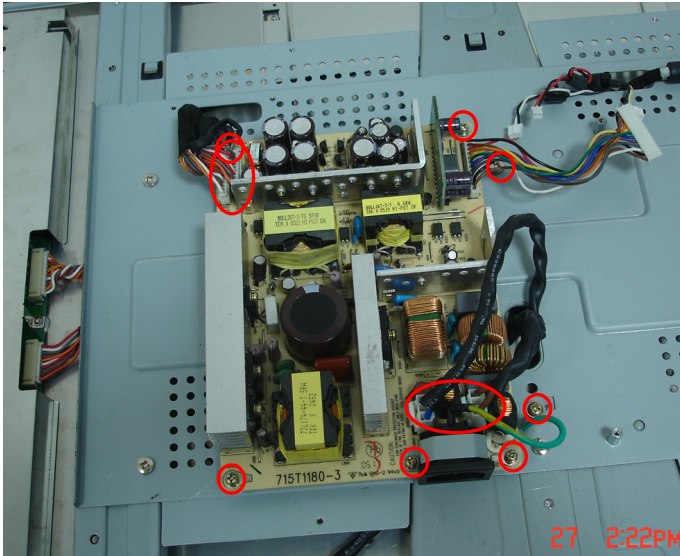
Turn the POWER-button off to on to quit from factory mode ( in USER-mode, the OSD window location was placed at middle of screen)

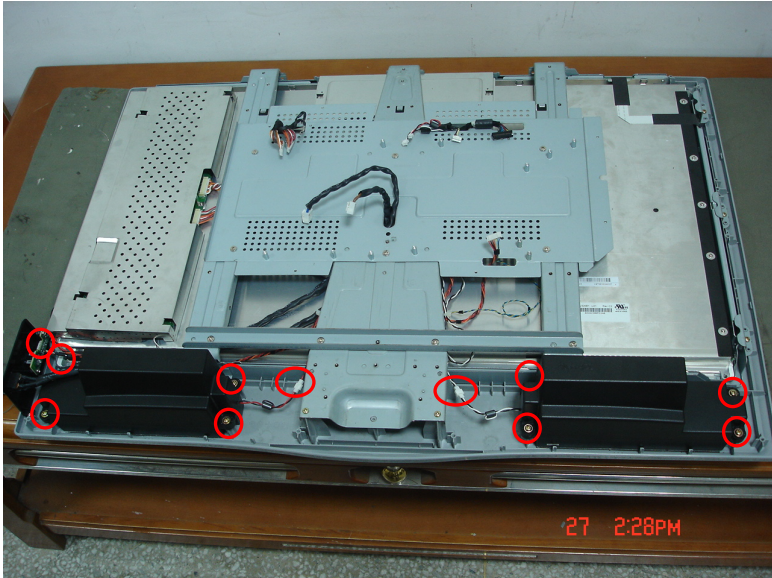
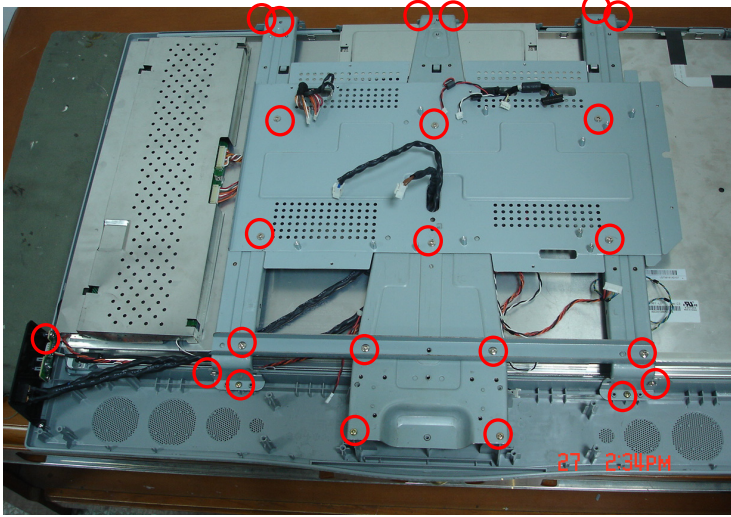
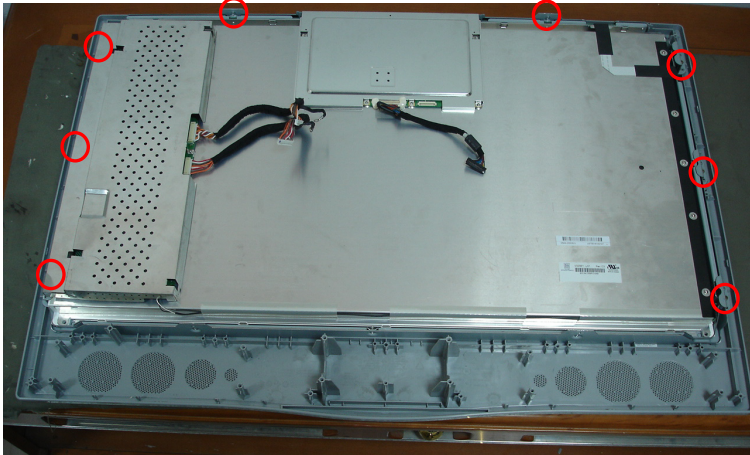
## 7. MECHANICAL INSTRUCTIONS

Step	Figure	Description
Preparation	 A photograph showing the back of a black LCD-TV with a silver metal base plate attached to its rear. The base plate has a central mounting bracket and several screws.	Lay the LCD-TV on a flat, soft and clean surface.
Remove the base	 A close-up photograph of the silver metal base plate. Four red arrows point towards the center of the plate, indicating the location of clips that need to be pushed out to remove the base.	Push the clip for base as the arrowheads.
Remove the hinge cover	 A photograph showing the hinge cover of the LCD-TV. Two red arrows point upwards towards the hinge cover, indicating the location where it should be removed.	Remove the hinge cover as the arrowheads and the position by hand.

<p><b>Remove the stand</b></p>		<p>Remove the four screws to remove stand.</p>
<p><b>Remove the back cover</b></p>		<ol style="list-style-type: none"> <li>1. Remove the five screws.</li> <li>2. Remove the back cover as the arrowheads.</li> </ol> <p><b>Remarks:</b> The arrowheads is the position of the clips.</p>
<p><b>Remove the shield</b></p>		<ol style="list-style-type: none"> <li>1. Remove the thirteen screws</li> <li>2. Push the shield as the arrowhead direction.</li> </ol>

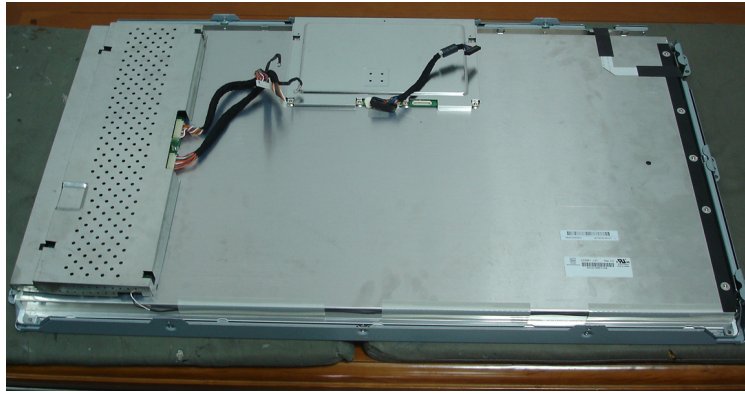


<p><b>Remove the tuner cover</b></p>		<p>Remove the eight screws</p>
<p><b>Remove main and tuner board</b></p>		<ol style="list-style-type: none"> <li>1. Remove the seven screws</li> <li>2. Disconnect the connector</li> </ol>
<p><b>Remove the power board</b></p>		<ol style="list-style-type: none"> <li>1. Remove the seven screws</li> <li>2. Disconnect the connector</li> </ol>

<p><b>Remove the speakers</b></p>		<ol style="list-style-type: none"> <li>1. Remove the total eight screws and the two connectors to remove speakers</li> <li>2. Remove the three screws to remove key board</li> </ol>
<p><b>Remove the iron piece and the AC switch</b></p>		<p>Remove the total twenty-three screws to remove the iron piece and AC switch</p>
<p><b>Remove the bezel</b></p>		<p>Remove the eight screws</p>

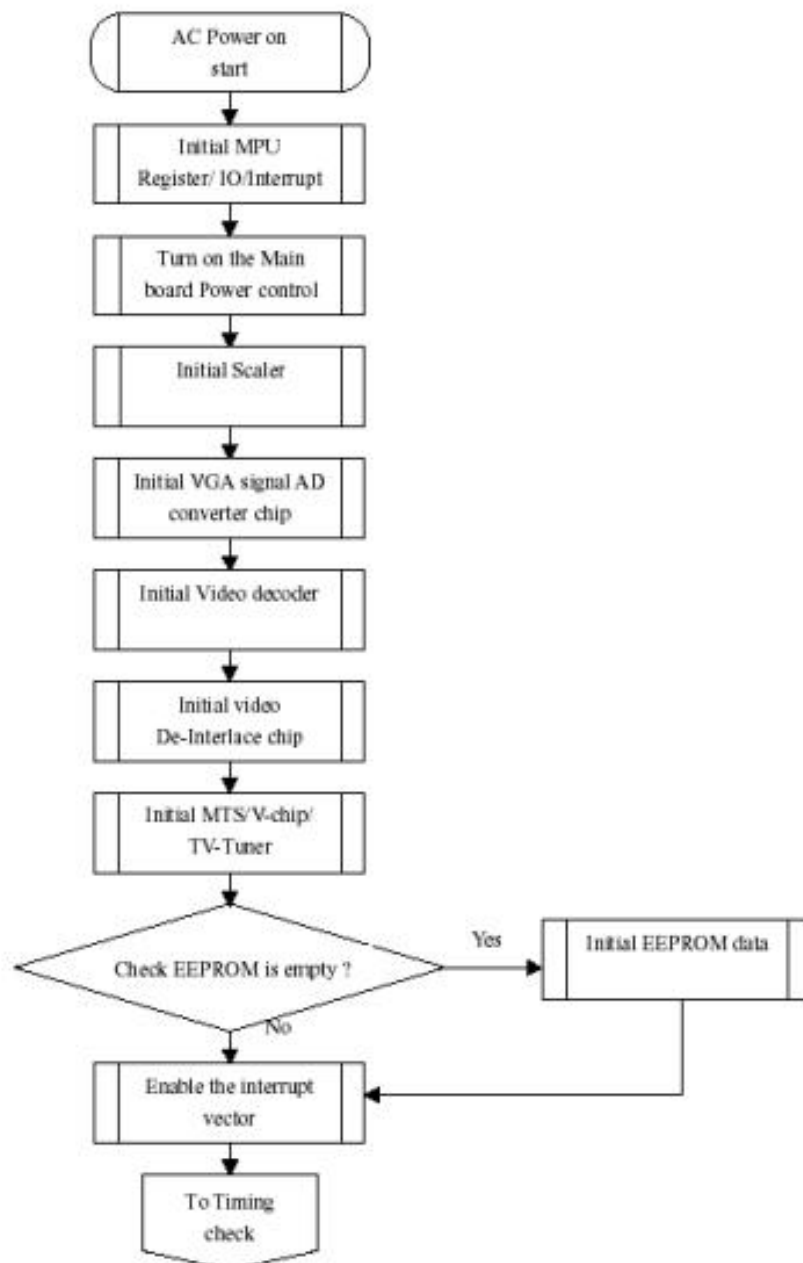


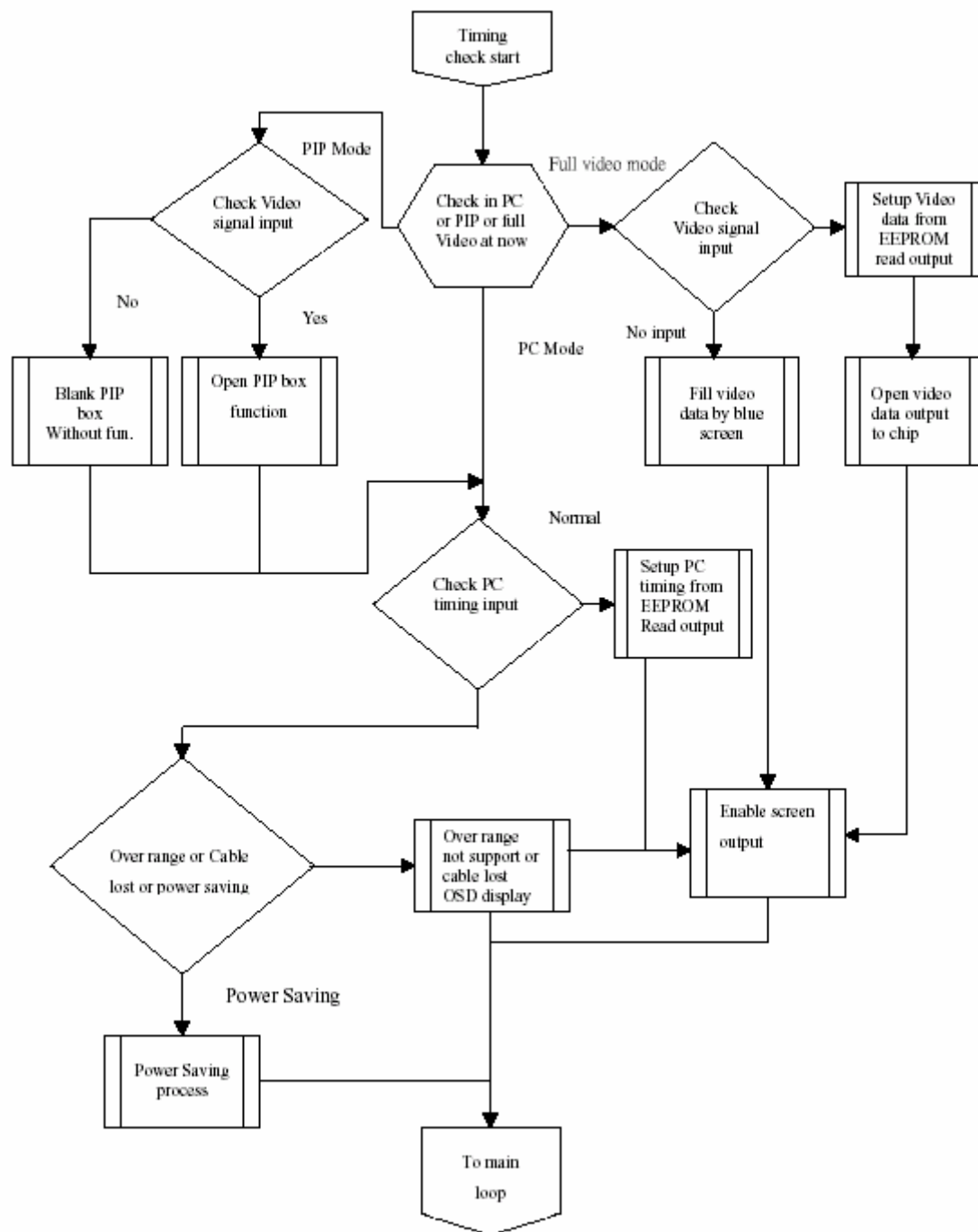
The end

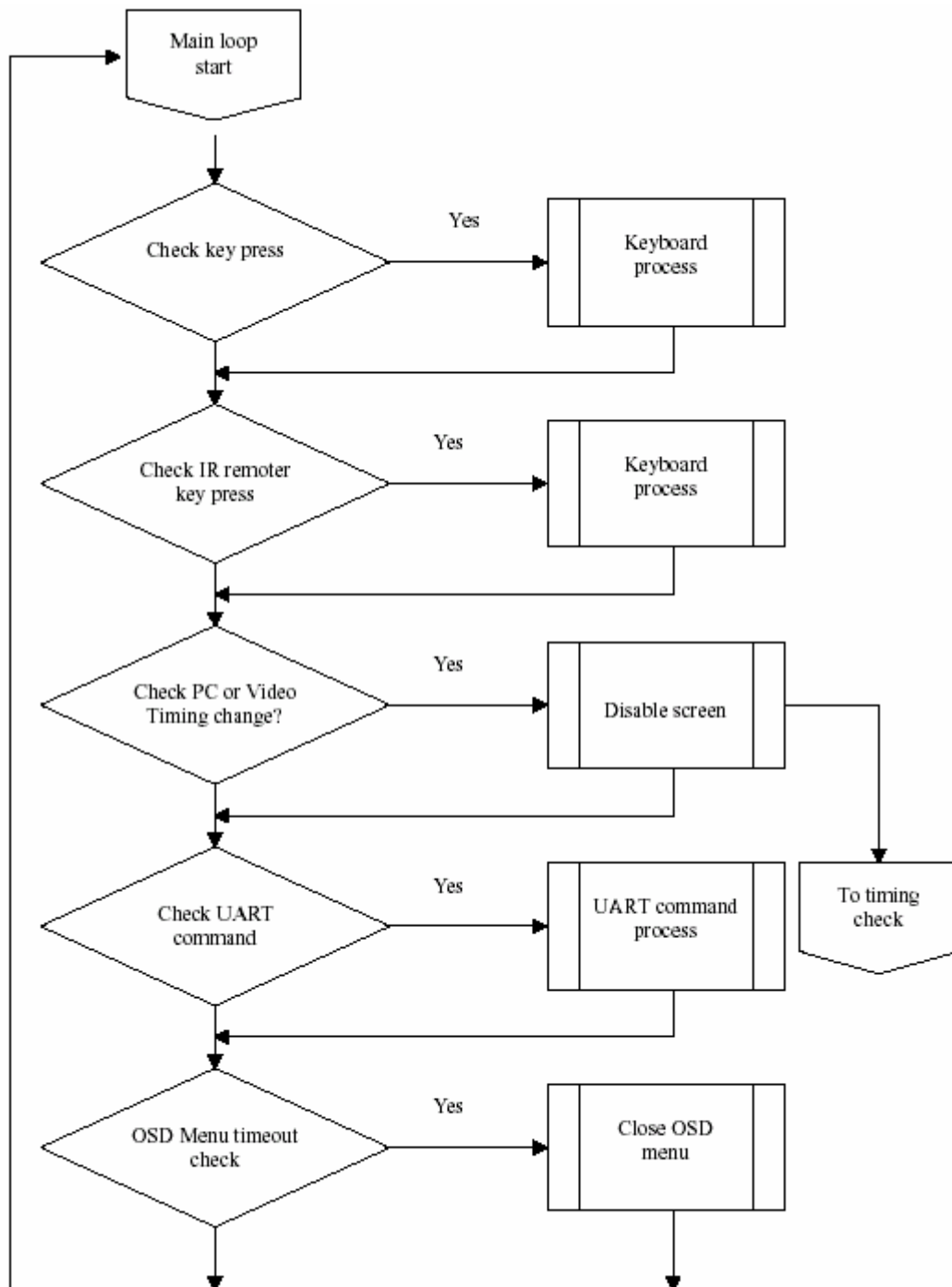


Remark:  
(PLS be careful, not to  
scart the panel )

## 8. SOFTWARE FLOW CHART







## 9. PARTS LIST OF CABINET

## EJF5MSNDC2TLTM BOM

Location	Part Number	Description	Quantity	Unit
	45T 76 28V19	PE BAG FOR SPK-LINK-MET	1	PCS
	M1T 330 4128	SCREW	1	PCS
	M1T 330 4128	SCREW	4	PCS
	M1T 940 6120	SCREW	3	PCS
	M1T 940 6120	SCREW	6	PCS
	Q1T 340 10128	SCREW	1	PCS
	ADPF24180A5	A/D+D/D POWER	1	PCS
	CBPFJF5DMSTLT	CONVESIN BOARD	1	PCS
	TUPFFA3	TUNER BOARD	1	PCS
	1T6020 1	SCREW-SPE CIAL	1	PCS
	11TP004 1	CLIP WIRE DIA 10.9	2	PCS
	15T5908 2	BRACKET	1	PCS
	15T6189 1	CMO'PANEL SHIELD	1	PCS
	15T8214 1	BKT MAIN	1	PCS
	15T8215 1	BKT LSIDE	1	PCS
	15T8216 1	BKT R SIDE	1	PCS
	15T8217 1	BKT LONG	1	PCS
	15T8220 1	BKT HOLD PANEL	1	PCS
	15T8221 1	BKT HOLD PANEL	2	PCS
	15T8221 2	BKT HOLD PANEL	4	PCS
	15T8223 6	BKT CONNECTOR	1	PCS
	15T8270 2	BKT-PCB-SUPPORT-1	1	PCS
	34T1661 GM L	COVER CABLE	1	PCS
	34T1665 GM L	COVER HINGE	1	PCS
	34T1666 GM L	COVER HINGE BOTTOM	1	PCS
	44T3A08 1	EPS	1	PCS
	44T3A08 2	EPS	1	PCS
	44T3A08 3	EPS	1	PCS
	44T3A08 4	EPS	1	PCS
	44T3A08624 1A	CARTON	1	PCS
	45T 99606 2	PE BAG FOR MONITOR	1	PCS
	45T 99609 2	EPE COVER	1	PCS
	45T 99609 5	EPE COVER FOR BASE	1	PCS
	45T 99626 2	PE BAG FOR MONITOR	1	PCS
	50T 500 1	CABLE TIE	1	PCS
	52T 1186	SMALL TAPE	10	CM
	52T 1211 A	ADHESIVE TYPE	2	PCS
	85T 717 2	SHELD MAIN-2	1	PCS
	89T 173 56 5	AUDIO CABLE	1	PCS
	89T1738GAA D1	SIGNAL CABLE	1	PCS
	89T414A18N YH	POWER CABLE	1	PCS
	92VB1JX1A21GM	PEONY A1KALINE LR6(5#)E	2	PCS
	95T8014 2 11	HARNESS	1	PCS
	95T8014 3 16	HARNESS	1	PCS
	95T8014 10 11	WIRE HARNESS	1	PCS
	95T8014 12 13	WIRE HARNESS	1	PCS
	95T8018 30 79	HARNESS	1	PCS
	98TR7SW4NCTLF	REMOTE CONTROL	1	PCS

	M1T 330 4128	SCREW	8	PCS
	M1T 340 6 47	SCREW	6	PCS
	M1T 940 6120	SCREW	6	PCS
	M1T 940 6120	SCREW	7	PCS
	M1T 940 6120	SCREW	6	PCS
	M1T 940 6120	SCREW	4	PCS
	M1T1140 6128	SCREW 4X6	1	PCS
	M1T1730 6128	SCREW M3X6	12	PCS
	Q1T 330 6128	SCREW	1	PCS
	Q1T 340 10 47	SCREW	8	PCS
	Q1T 340 10128	SCREW	1	PCS
	Q1T 340 10128	SCREW	6	PCS
	Q1T 340 10128	SCREW	9	PCS
	Q1T 340 10128	SCREW	1	PCS
	Q1T 930 6128	SCREW T3X6	2	PCS
	705LJF5FB34007	BACK COVER ASS'Y	1	PCS
	750VVMN0 B1 21	CMO 32" C3 PANEL	1	PCS
E095A	95T8014 5545 D	HARNESS	1	PCS
E095B	95T8014 8576 D	HARNESS	1	PCS
<b>ADPF24180A5</b>				
	AD24180A5SMT	A/D+D/D POWER	1	PCS
	DCPF1205A3	DC TO DC BOARD	1	PCS
	40T 45762420A	S/N LABEL	1	PCS
	705L F94 56 01	IC981 ASS'Y	1	PCS
	705L F94 57 02	Q942/Q943/D927/D928 ASS	1	PCS
	705L F94 57 04	Q901/Q941/D902 ASS'Y	1	PCS
	705L F94 87 01	CN901 ASS'Y	1	PCS
	705L F94 93 01	BD901 ASS'Y	1	PCS
C901	63T 10722410S	0.22UF 250VAC ARCO	1	PCS
C903	65T306M1022BM	Y1.CAP.001UF 250VAC MUR	1	PCS
C904	65T306M1022BM	Y1.CAP.001UF 250VAC MUR	1	PCS
C905	63T213J105GFA	MPF CAP	1	PCS
C907	67T 40K18116K	105C EC SHAP-IN	1	PCS
C915	65T306M1022BM	Y1.CAP.001UF 250VAC MUR	1	PCS
C921	65T 1M103 3T6921	0.01uf 20% 1000V Y5V	1	PCS
C922	65T 1K222 2A6213	0.0022UF/1KV	1	PCS
C926	64T400K473 57	MPF CAP	1	PCS
C930	67T215L102 6N	KY35VB1000M-L 5*25MM	1	PCS
C931	67T215L221 6N	KY35VB220M-L 8*15MM	1	PCS
C932	67T215L1024NL	KY25VB1000M-L 10*25MM	1	PCS
C933	67T215L1024NL	KY25VB1000M-L 10*25MM	1	PCS
C934	67T215L221 4R	LOWE.S.R 220UFM 25V	1	PCS
C942	65T 1K222 2A6213	0.0022UF/1KV	1	PCS
C948	67T215L102 6N	KY35VB1000M-L 5*25MM	1	PCS
C949	67T215L102 6N	KY35VB1000M-L 5*25MM	1	PCS
C950	67T215L102 6N	KY35VB1000M-L 5*25MM	1	PCS
C951	67T215L102 6N	KY35VB1000M-L 5*25MM	1	PCS
C955	67T215L471 6N	KY35VB470M-L 10*20MM	1	PCS
C970	65T306M2222BP	Y1.CAP.0022UF 250V AC	1	PCS
CN903	33T8029 3A	WAFER 2P 3.96MM	1	PCS
CN904	33T8029 3A	WAFER 2P 3.96MM	1	PCS
CN921	95T8013 12633	HARNESS	1	PCS

CN951	33T3802 10	PLUG	1	PCS
CN952	33T3802 12	WAFER PH-12	1	PCS
D920	93T1100 1052T	DIODE	1	PCS
D921	93T1100 1052T	DIODE	1	PCS
D922	93V1020 752T	UF4003 DO-41	1	PCS
D941	93T1100 1052T	DIODE	1	PCS
D942	93T1100 1052T	DIODE	1	PCS
D943	93V1020 752T	UF4003 DO-41	1	PCS
IC922	56T 139 3A	PC123Y22FZOF	1	PCS
IC924	56T 139 3A	PC123Y22FZOF	1	PCS
IC925	56T 139 3A	PC123Y22FZOF	1	PCS
IC942	56T 139 3A	PC123Y22FZOF	1	PCS
L901	73L 253156 LG	CHOKE COIL	1	PCS
L902	73L 253156 LG	CHOKE COIL	1	PCS
L903	73T 174 68 L	LINE FILTER	1	PCS
L904	73L 174 49 LG	LINE FILTER	1	PCS
L905	73L 174 52LSG	CHOKE COIL	1	PCS
L906	73L 174 44 TG	CHOKE COIL	1	PCS
L922	73T 253155 L	CHOKE	1	PCS
L923	73T 253155 L	CHOKE	1	PCS
L952	73L 174 47LSG	LINE FILTER	1	PCS
L953	73L 174 46LSG	FILTER	1	PCS
R905	61T153M27858G6267	0.27 OHM 5% 3W	1	PCS
R919	61T153M27858G6267	0.27 OHM 5% 3W	1	PCS
R921	61T152M10458G6267	100K OHM 5% 2W	1	PCS
R945	61T153M47358G6267	47K OHM 5% 3W	1	PCS
R950	61T 20K398GB1	CEMENTR 0.39 OHM +-10%	1	PCS
RJ905	95T 90 26	WIRE HARNESS	1	PCS
T921	80LL26T 3 TG	XFMR	1	PCS
T951	80LL26T 2 TG	X'FMR	1	PCS
	AD24180A5AI	A/D+D/D POWER	1	PCS
C910	65T0805104 32	CHIP 0.1U 50V X7R	1	PCS
C911	65T0805102 32	CHIP 1000P 50VX7R 0805	1	PCS
C912	65T0805474 22	CHIP 0.47UF 25V X7R	1	PCS
C913	65T0805103 32	10NF/50V/0805/X7R	1	PCS
C914	65T0805104 32	CHIP 0.1U 50V X7R	1	PCS
C920	65T0805104 32	CHIP 0.1U 50V X7R	1	PCS
C924	65T0805104 32	CHIP 0.1U 50V X7R	1	PCS
C927	65T0805102 32	CHIP 1000P 50VX7R 0805	1	PCS
C935	65T0805104 32	CHIP 0.1U 50V X7R	1	PCS
C936	65T0805103 32	10NF/50V/0805/X7R	1	PCS
C937	65T0805104 32	CHIP 0.1U 50V X7R	1	PCS
C938	65T0805104 32	CHIP 0.1U 50V X7R	1	PCS
C939	65T0805104 32	CHIP 0.1U 50V X7R	1	PCS
C946	65T0805471 31	CHIP 470PF 50V NPO	1	PCS
C953	65T0805104 32	CHIP 0.1U 50V X7R	1	PCS
C956	65T0805104 32	CHIP 0.1U 50V X7R	1	PCS
C958	65T0805471 31	CHIP 470PF 50V NPO	1	PCS
C959	65T0805334 22	0.33UF+-10% 25V X7R 080	1	PCS
C964	65T1206103B2M6784	CHIP 0.01UF 630V X7R	1	PCS
C965	65T0805104 32	CHIP 0.1U 50V X7R	1	PCS
D901	93T3060 10	3A 600V	1	PCS

D904	93T 6432V	LL4148-GSO8 SMD BY VISH	1	PCS
D905	93T 6432V	LL4148-GSO8 SMD BY VISH	1	PCS
D906	93T 6432V	LL4148-GSO8 SMD BY VISH	1	PCS
D907	93T 6432V	LL4148-GSO8 SMD BY VISH	1	PCS
D923	93T 6432V	LL4148-GSO8 SMD BY VISH	1	PCS
D924	93T 6432V	LL4148-GSO8 SMD BY VISH	1	PCS
D925	93T 6432V	LL4148-GSO8 SMD BY VISH	1	PCS
D926	93T 6432V	LL4148-GSO8 SMD BY VISH	1	PCS
D929	93T 6432V	LL4148-GSO8 SMD BY VISH	1	PCS
D944	93T 6432V	LL4148-GSO8 SMD BY VISH	1	PCS
D945	93T 6432V	LL4148-GSO8 SMD BY VISH	1	PCS
D946	93T 6432V	LL4148-GSO8 SMD BY VISH	1	PCS
D947	93T 6432V	LL4148-GSO8 SMD BY VISH	1	PCS
D949	93T 6432V	LL4148-GSO8 SMD BY VISH	1	PCS
D950	93T 6432V	LL4148-GSO8 SMD BY VISH	1	PCS
IC901	56V 538 8	TDA4863-2G SO-8	1	PCS
IC941	56T 379 38	L6565D SO-8	1	PCS
Q922	57T 417 4	CHIP PMBS3904 BY PHILIP	1	PCS
Q924	57T 760 5	DTC144WKA BY FOHM SMT	1	PCS
R901	61V1206684	CHIP 680K OHM 1/8W	1	PCS
R902	61V1206684	CHIP 680K OHM 1/8W	1	PCS
R903	61V0805683	CHIPR 68K OHM+-5% 1/8W	1	PCS
R904	61V0805470	CHIP 47 OHM 1/10W	1	PCS
R906	61V1206624	CHIP 620K 5% 1/4W	1	PCS
R907	61V1206624	CHIP 620K 5% 1/4W	1	PCS
R908	61V1206000	CHIP 0 OHM 1/8W	1	PCS
R909	61V0805103	CHIP 10K OHM 1/10W	1	PCS
R910	61V0805103	CHIP 10K OHM 1/10W	1	PCS
R911	61V1206330 3F	330K OHM 1/4W 1%	1	PCS
R912	61V1206330 3F	330K OHM 1/4W 1%	1	PCS
R913	61V1206330 3F	330K OHM 1/4W 1%	1	PCS
R914	61V0805191 2F	19.1K OHM 1/8W 1%	1	PCS
R915	61V1206472	CHIP 4.7KOHM 5% 1/4W	1	PCS
R916	61V1206332	CHIP 3.3KOHM 1/8W 5%	1	PCS
R917	61V1206332	CHIP 3.3KOHM 1/8W 5%	1	PCS
R920	61V0805100 2F	CHIP 10K OHM 1/8W 1%	1	PCS
R922	61V0805000	CHIP 0OHM 1/10W	1	PCS
R923	61V1206100 4F	1M OHM 1/4W 1%	1	PCS
R924	61V1206100 4F	1M OHM 1/4W 1%	1	PCS
R925	61V0805689	CHIP 6.8OHM 5% 1/8W	1	PCS
R926	61V1206205	CHIP 2M OHM 5% 1/4W	1	PCS
R927	61V1206205	CHIP 2M OHM 5% 1/4W	1	PCS
R928	61V1206562	CHIP 5.6K OHM 1/4W	1	PCS
R929	61V1206330	CHIP 33 OHM 5% 1/4W	1	PCS
R930	61V0805280 3F	CHIP 280K OHM 1/10W	1	PCS
R931	61V0805102	CHIPR 1K OHM +-5% 1/8W	1	PCS
R932	61V0805510 2F	CHIP 51K OHM 1/10W	1	PCS
R933	61V0805471	CHIPR 470 OHM+-5% 1/8W	1	PCS
R934	61V0805102	CHIPR 1K OHM +-5% 1/8W	1	PCS
R935	61V0805472	CHIPR 4.7K OHM +-5% 1/8	1	PCS
R936	61V0805220	CHIP 22 OHM 5% 0805 1/8	1	PCS
R940	61V0805100 2F	CHIP 10K OHM 1/8W 1%	1	PCS

R944	61V0805000	CHIP 00HM 1/10W	1	PCS
R946	61V1206330	CHIP 33 OHM 5% 1/4W	1	PCS
R947	61V0805000	CHIP 00HM 1/10W	1	PCS
R948	61V0805330	CHIP 33 OHM 5% 1/10W	1	PCS
R949	61V0805273	CHIP 27KOHM 5% 0805 1/8	1	PCS
R951	61V0805242	CHIP 2.4KOHM 1% 1/8W	1	PCS
R952	61V0805682	CHIP 6.8KOHM 5% 0805 1/	1	PCS
R953	61V0805563	CHIP 56K OHM 1/8W	1	PCS
R954	61V0805100	CHIP 10OHM 1/10W	1	PCS
R955	61V0805100	CHIP 10OHM 1/10W	1	PCS
R957	61V0805200 9F	CHIP 20 OHM 1/10W 1%	1	PCS
R958	61V0805202	CHIP 2KOHM 1/8W	1	PCS
R959	61V0805115 2F	CHIP 11.5K OHM 1/10W 1%	1	PCS
R960	61V0805133	CHIPR 13KOHM +-5% 1/8W	1	PCS
R961	61V0805152	CHIPR 1.5K OHM +-5% 1/8	1	PCS
R962	61V1206102	CHIP 1K OHM 5% 1/4W	1	PCS
R964	61V0805104	CHIPR 100K OHM+-5% 1/8W	1	PCS
R965	61V0805103	CHIP 10K OHM 1/10W	1	PCS
R967	61V0805222	CHIP 2.2KOHM 5% 0805 1/	1	PCS
R968	61V1206101	CHIP 100 OHM 5% 1/4W	1	PCS
R973	61V1206470	CHIP 47OHM 5% 1/4W	1	PCS
R974	61V1206330	CHIP 33 OHM 5% 1/4W	1	PCS
R983	61V1206100 3F	CHIP 100K OHM +-1% 1/4W	1	PCS
RJ901	61V1206000	CHIP 0 OHM 1/8W	1	PCS
RJ903	61V1206000	CHIP 0 OHM 1/8W	1	PCS
ZD921	93T 39S 10 T	RLZ6.8B LLDS	1	PCS
ZD931	93T 39S 38 T	PTZ 9.1B	1	PCS
ZD942	93T 39S 33 T	PTZ 13B	1	PCS
ZD943	93T 39S 24 T	RLZ 5.6B LLDS	1	PCS
ZD944	93T 39S 15 T	RLZ15B	1	PCS
ZD945	93T 39S 41 T	RLZ24B LLDS	1	PCS
ZD946	93T 39S 42 T	RLZ27B LLDS	1	PCS
	715T1180 3	PCB	1	PCS
C908	65T517M103 3T	0.01UF 20% 500V Y5P	1	PCS
C909	67T 2151007NT	10UF 50V NCC 5*11MM	1	PCS
C923	67T 2151007NT	10UF 50V NCC 5*11MM	1	PCS
C925	67T 2154707NT	47UF 50V NCC 5*11MM	1	PCS
C941	65T 1M103 3T6921	0.01uf 20% 1000V Y5V	1	PCS
C944	67T 2154707NT	47UF 50V NCC 5*11MM	1	PCS
C945	67T 2154707NT	47UF 50V NCC 5*11MM	1	PCS
C957	67T 2151007NT	10UF 50V NCC 5*11MM	1	PCS
CN901	6V 31500	EYELET	2	PCS
F901	84V 55 4	FUSE	1	PCS
IC923	56T 158 10 T	IC	1	PCS
IC943	56T 158 10 T	IC	1	PCS
L904	6V 31502	1.5MM RIVET	4	PCS
L906	6V 31502	1.5MM RIVET	4	PCS
L921	71T 55 23 S	FERRITE BEAD K-TYPE	1	PCS
L951	71T 55 23 S	FERRITE BEAD K-TYPE	1	PCS
NR901	6V 31502	1.5MM RIVET	2	PCS
NR902	6V 31502	1.5MM RIVET	2	PCS
Q926	57T 566 1	2N5060RLRAG	1	PCS



Q945	57T 419501 T	KTC945P	1	PCS
Q946	57T 420501 T	KTA733P	1	PCS
Q947	57T 419501 T	KTC945P	1	PCS
Q948	57T 420501 T	KTA733P	1	PCS
R937	61T 60168152T	680 OHM +-2% 1/6W	1	PCS
R938	61T 17247152T	470OHM 5% 1/4W	1	PCS
R966	61T 60110252T	1K OHM +-2% 1/6W	1	PCS
T921	6V 31502	1.5MM RIVET	4	PCS
T951	6V 31502	1.5MM RIVET	4	PCS
<b>DCPF1205A3</b>				
	DC1205A3SMT	DC TO DC BOARD FOR SMT	1	PCS
C801	67T215V221 4K	EC 220F 25V	1	PCS
C806	67T215L471 2K	LOW ESR 470UF 10V	1	PCS
C807	67T215L471 2K	LOW ESR 470UF 10V	1	PCS
CN801	33T800913Z H	PIN HEADER 1*13 R/A	1	PCS
	715V1278 3	PCB	1	PCS
C802	65T0805105 22	CHIP 1UF 25V X7R 0805	1	PCS
C803	65T0603102 32	CHIP 1000PF 50V X7R	1	PCS
C804	65T0603102 32	CHIP 1000PF 50V X7R	1	PCS
C805	65T0603471 31	CHIP 470PF 50V NPO	1	PCS
C808	65T0805102 32	CHIP 1000P 50VX7R 0805	1	PCS
C809	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C810	65T0805102 32	CHIP 1000P 50VX7R 0805	1	PCS
D801	93T8004 2	8A 40V	1	PCS
IC801	56T 133 32 NS	LM3485	1	PCS
L801	73T M5822020T	22UH +-20%	1	PCS
Q801	57T 763 3	AO4411L SO-8 BY AOS SMT	1	PCS
R801	61V0603360 2F	chip 36k ohm 1/10w 1%	1	PCS
R802	61V0603620 2F	CHIP 62K OHM 1/16W 1%	1	PCS
R803	61V0603200 2F	CHIP 20K OHM 1/16W 1%	1	PCS
R804	61V1206220	CHIP 220OHM 5% 1/8W	1	PCS
	90V 427 1	HEAT SINK	1	PCS
	M1V1730 8128	SCREW M3x8	1	PCS
IC981	56T 379 40	TOP246YN T0-220-7C	1	PCS
	5T 42 1	CUSHION	2	PCS
	12T 372 1	MICA	2	PCS
	90V 428 1	HEAT SINK	1	PCS
	M1V1730 10128	SCREW M3x10	4	PCS
D927	93T 60239	FME-210B T0-220	1	PCS
D928	93T 60247	FME-220A	1	PCS
Q942	57T 600 45	IRF3415 T0-220AB	1	PCS
Q943	57T 600 45	IRF3415 T0-220AB	1	PCS
	12T 372 2	MICA	1	PCS
	90V 426 5	HEAT SINK	1	PCS
	M1V1730 8128	SCREW M3x8	3	PCS
D902	93T 220 23	FMX-G26S	1	PCS
Q901	57T 667 19	2SK3523-01R	1	PCS
Q941	57T 667 21	STP10NK70ZFP	1	PCS
	95T 900 42	WIRE HARNESS	1	PCS
	96T 29 4	SHRINK TUBE UL/CSA	3	PCS
CN901	87T 501 19 RF	AC INLET RIGHT ANGLE	1	PCS
	90V 425 1	HEAT SINK	1	PCS

	M1V1730 10128	SCREW M3x10	1	PCS
BD901	93T 50460 18	D10XB60	1	PCS
	SMTFJF5DMSTLJ	MAIN BOARD	1	PCS
	40T 457624 1B	CPU LABEL	1	PCS
	40T 45762412B	CBPC LABEL	1	PCS
	44T3231508512	CHIELD D-SUB	1	PCS
	85T 583510	GASKET	1	PCS
	90V6068 2	HEAT SINK	1	PCS
C507	67T215C102 4K	LOW ESR DC 1000UF 25V	1	PCS
CN200	33T801736A H	PIN HEADER 36P 2.0MM	1	PCS
CN201	88T 30214K	PHONE JACK	1	PCS
CN202	33T3802 8H	WAFER 8P RIGHT ANGLE PI	1	PCS
CN401	88T 35315F HA	D-SU13 15PIN	1	PCS
CN500	33T3802 2H	WAFER 2P RIGHT ANGLE	1	PCS
CN501	33T3802 5H	WAFER 5P RIGHT ANGLE PI	1	PCS
CN502	33T3802 3H	WAFER 3P RIGHT ANGLE	1	PCS
CN503	33T802724D H	24PIN	1	PCS
J200	33V3278 12	12P PLUG B12B-XHA/JS B1	1	PCS
L503	73T 253158 L	CHOKE COIL	1	PCS
L504	73T 253158 L	CHOKE COIL	1	PCS
L505	73T 253158 L	CHOKE COIL	1	PCS
L506	73T 253158 L	CHOKE COIL	1	PCS
L516	73V 253137 ER	CHOKE COIL	1	PCS
L524	73V 253137 ER	CHOKE COIL	1	PCS
L525	73V 253137 ER	CHOKE COIL	1	PCS
P401	88T 35424F H	DVID CONN.24P FEMALE	1	PCS
R221	61T153M689 59	6.8 OHM 5% 3W	1	PCS
R466	61T153M689 59	6.8 OHM 5% 3W	1	PCS
R542	61T 208829 64	8.2 OHM 5% 1W	1	PCS
R543	61T 208829 64	8.2 OHM 5% 1W	1	PCS
R553	61T153M109 59	MOFR 1 OHM +-5% 3W	1	PCS
R554	61T153M109 59	MOFR 1 OHM +-5% 3W	1	PCS
U300	56T1133 52TC4	A29L040-70 V1.0	1	PCS
X200	93T 2253B	CRYSTAL	1	PCS
X300	93T 2251B J	NXS12.000AC30F-BT-2	1	PCS
X301	93T 22 61 J	CRYSTAL 32.768 KHZ 3*9	1	PCS
X400	93T 2279B	28.32MHZ/14PF/49US	1	PCS
<b>SMTFJF5DMSTLJ</b>				
	715V1562 G	MAIN BOARD PCB	1	PCS
C200	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C201	65T0603561 31	CHIP 560PF 50V NPO	1	PCS
C202	65T0603561 31	CHIP 560PF 50V NPO	1	PCS
C203	65T0603101 31	CHIP 100PF 50V NPO	1	PCS
C204	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C205	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C206	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C207	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C208	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C210	67T 312470 3	SMD EC 47UF 16V 85C D	1	PCS
C212	67T 312470 3	SMD EC 47UF 16V 85C D	1	PCS
C214	67T 312470 3	SMD EC 47UF 16V 85C D	1	PCS
C215	65T0603101 31	CHIP 100PF 50V NPO	1	PCS

C216	67T 312220 3	SMD EC 22UF 16V 85C	1	PCS
C217	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C218	65T0603101 31	CHIP 100PF 50V NPO	1	PCS
C219	65T0603101 31	CHIP 100PF 50V NPO	1	PCS
C220	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C221	67T 312101 3	SMD EC 100UF 16V 85C D	1	PCS
C222	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C223	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C224	65T0603330 31	CHIP 33PF 50V NPO	1	PCS
C225	65T0603330 31	CHIP 33PF 50V NPO	1	PCS
C226	67T 312470 3	SMD EC 47UF 16V 85C D	1	PCS
C227	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C229	67T 312220 3	SMD EC 22UF 16V 85C	1	PCS
C231	65T0603221 31	CHIP 220PF 50V NPO	1	PCS
C232	67T 312220 3	SMD EC 22UF 16V 85C	1	PCS
C233	65T0603569 31	CHIP 5.6PF 50V NPO	1	PCS
C234	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C235	65T0603221 31	CHIP 220PF 50V NPO	1	PCS
C236	65T0603221 31	CHIP 220PF 50V NPO	1	PCS
C237	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C238	65T0603569 31	CHIP 5.6PF 50V NPO	1	PCS
C239	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C240	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C241	65T0603221 31	CHIP 220PF 50V NPO	1	PCS
C242	65T0603221 31	CHIP 220PF 50V NPO	1	PCS
C244	67T 312470 3	SMD EC 47UF 16V 85C D	1	PCS
C245	67T 312470 3	SMD EC 47UF 16V 85C D	1	PCS
C246	65T0603220 32	CHIP 22PF 50V X7R	1	PCS
C247	65T0603101 31	CHIP 100PF 50V NPO	1	PCS
C249	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C250	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C251	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C253	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C254	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C255	65T0603101 31	CHIP 100PF 50V NPO	1	PCS
C259	65T0603101 31	CHIP 100PF 50V NPO	1	PCS
C261	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C262	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C263	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C264	67T 312220 3	SMD EC 22UF 16V 85C	1	PCS
C265	67T 312220 3	SMD EC 22UF 16V 85C	1	PCS
C266	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C267	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C268	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C269	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C270	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C271	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C272	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C273	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C274	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C275	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C276	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS

C277	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C278	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C279	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C280	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C281	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C282	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C283	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C284	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C285	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C286	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C287	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C288	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C289	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C290	65T0603102 31	CHIP 1000PF 50V NPO	1	PCS
C300	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C301	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C302	65T0603220 32	CHIP 22PF 50V X7R	1	PCS
C303	65T0603150 31	CHIP 15PF 50V NPO	1	PCS
C304	65T0603150 31	CHIP 15PF 50V NPO	1	PCS
C305	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C306	67T 312101 3	SMD EC 100UF 16V 85C D	1	PCS
C307	65T0603271 31	CHIP 270PF 50V NPO	1	PCS
C308	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C309	65T0603270 31	CHIP 27PF 50V NPO	1	PCS
C310	65T0603270 31	CHIP 27PF 50V NPO	1	PCS
C311	67T 312109 3	SMD EC 1UF 16V 85C	1	PCS
C312	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C313	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C314	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C315	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C316	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C317	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C318	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C319	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C320	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C321	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C322	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C323	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C324	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C325	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C326	65T0603220 31	CHIP 22PF 50V NPO	1	PCS
C327	65T0603220 31	CHIP 22PF 50V NPO	1	PCS
C328	65T0603220 31	CHIP 22PF 50V NPO	1	PCS
C329	65T0603220 31	CHIP 22PF 50V NPO	1	PCS
C330	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C331	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C332	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C333	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C334	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C335	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C336	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C337	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS

C338	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C340	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C341	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C342	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C343	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C344	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C345	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C346	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C347	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C348	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C349	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C350	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C351	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C352	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C353	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C354	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C355	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C356	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C357	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C358	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C359	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C360	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C361	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C362	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C363	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C364	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C365	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C366	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C367	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C368	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C369	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C370	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C371	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C372	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C373	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C374	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C375	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C376	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C377	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C378	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C379	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C380	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C381	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C382	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C383	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C384	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C385	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C386	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C387	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C388	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C389	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C390	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS

C391	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C392	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C393	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C394	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C395	65T0603683 12	CHIP 0.68UF 16V X7R	1	PCS
C400	65T0603102 31	CHIP 1000PF 50V NPO	1	PCS
C4001	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C4002	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C4003	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C4004	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C4005	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C4006	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C4007	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C4008	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C4009	67T 312220 3	SMD EC 22UF 16V 85C	1	PCS
C401	65T0603473 32	CHIP 0.047UF 50V X7R	1	PCS
C4010	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C4011	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C4012	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C4013	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C4014	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C4015	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C4016	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C4017	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C4018	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C4019	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C402	65T0603473 32	CHIP 0.047UF 50V X7R	1	PCS
C4020	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C4021	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C4022	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C403	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C404	65T0603102 31	CHIP 1000PF 50V NPO	1	PCS
C405	65T0603473 32	CHIP 0.047UF 50V X7R	1	PCS
C406	65T0603823 32	CHIP 0.047UF 50V X7R	1	PCS
C407	65T0805822 31	CHIP 8.2NF 50V NPO 0805	1	PCS
C408	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C409	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C410	65T0603330 31	CHIP 33PF 50V NPO	1	PCS
C411	65T0603220 32	CHIP 22PF 50V X7R	1	PCS
C413	65T0603101 31	CHIP 100PF 50V NPO	1	PCS
C414	65T0603101 31	CHIP 100PF 50V NPO	1	PCS
C415	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C416	67T 312101 3	SMD EC 100UF 16V 85C D	1	PCS
C417	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C418	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C419	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C420	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C421	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C422	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C423	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C424	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C425	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS

C426	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C427	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C428	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C429	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C430	67T 312101 3	SMD EC 100UF 16V 85C D	1	PCS
C431	67T 312101 3	SMD EC 100UF 16V 85C D	1	PCS
C432	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C433	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C434	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C435	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C436	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C437	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C438	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C439	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C440	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C441	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C442	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C443	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C444	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C445	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C446	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C447	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C448	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C449	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C450	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C451	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C452	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C453	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C454	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C455	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C456	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C457	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C458	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C459	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C460	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C461	65T0603101 31	CHIP 100PF 50V NPO	1	PCS
C462	65T0603101 31	CHIP 100PF 50V NPO	1	PCS
C463	65T0603220 32	CHIP 22PF 50V X7R	1	PCS
C464	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C465	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C466	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C467	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C468	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C469	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C470	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C471	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C472	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C473	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C474	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C475	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C476	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C477	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS

C478	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C479	65T0603105 17	CHIP 1UF 16V Y5V	1	PCS
C480	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C481	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C482	65T0603105 17	CHIP 1UF 16V Y5V	1	PCS
C483	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C484	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C485	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C486	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C487	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C488	65T0603180 31	CHIP 18PF 50V NPO	1	PCS
C489	65T0603180 31	CHIP 18PF 50V NPO	1	PCS
C490	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C491	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C492	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C493	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C494	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C495	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C496	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C497	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C498	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C499	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C500	65T0603102 32	CHIP 1000PF 50V X7R	1	PCS
C501	65T0805475 A5	CHIP 4.7UF 10V X5R	1	PCS
C502	65T0805475 A5	CHIP 4.7UF 10V X5R	1	PCS
C503	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C504	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C505	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C506	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C508	65T0603332 32	CHIP 3300PF 50V X7R	1	PCS
C509	65T0603332 32	CHIP 3300PF 50V X7R	1	PCS
C510	65T0603333 32	CHIP 0.033UF 50V X7R	1	PCS
C511	65T0603333 32	CHIP 0.033UF 50V X7R	1	PCS
C512	65T0805475 A5	CHIP 4.7UF 10V X5R	1	PCS
C513	65T0805475 A5	CHIP 4.7UF 10V X5R	1	PCS
C514	65T0805105 37	CHIP 1UF 50V Y5V	1	PCS
C515	65T0603474 17	CHIP 0.47UF 16V Y5V	1	PCS
C516	65T0603472 32	CHIP 4700PF 50V X7R	1	PCS
C517	65T0603472 32	CHIP 4700PF 50V X7R	1	PCS
C518	65T0603101 32	CHIP 100PF 50V X7R	1	PCS
C519	65T0603474 17	CHIP 0.47UF 16V Y5V	1	PCS
C520	65T0805103 22	CHIP 0.01UF 25V X7R 080	1	PCS
C521	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C522	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C523	65T0805104 22	0.1UF +-10% 25V X7R 080	1	PCS
C524	65T0805475 A5	CHIP 4.7UF 10V X5R	1	PCS
C525	65T0805475 A5	CHIP 4.7UF 10V X5R	1	PCS
C526	65T0805103 22	CHIP 0.01UF 25V X7R 080	1	PCS
C527	65T0805225 12	CHIP 2.2UF 16V X7R 0805	1	PCS
C528	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C529	65T0603101 32	CHIP 100PF 50V X7R	1	PCS
C530	65T0603474 17	CHIP 0.47UF 16V Y5V	1	PCS



C531	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C532	65T0805475 A5	CHIP 4.7UF 10V X5R	1	PCS
C533	65T0603474 17	CHIP 0.47UF 16V Y5V	1	PCS
C534	65T0805475 A5	CHIP 4.7UF 10V X5R	1	PCS
C535	65T0805475 A5	CHIP 4.7UF 10V X5R	1	PCS
C536	65T0805103 22	CHIP 0.01UF 25V X7R 080	1	PCS
C537	65T0805475 A5	CHIP 4.7UF 10V X5R	1	PCS
C538	65T0805475 A5	CHIP 4.7UF 10V X5R	1	PCS
C539	65T0805104 22	0.1UF +-10% 25V X7R 080	1	PCS
C540	65T0805103 22	CHIP 0.01UF 25V X7R 080	1	PCS
C541	65T0603474 17	CHIP 0.47UF 16V Y5V	1	PCS
C542	65T0603474 17	CHIP 0.47UF 16V Y5V	1	PCS
C543	65T0603104 22	CHIP 0.1UF 25V	1	PCS
C544	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C545	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C546	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C547	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C548	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C549	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C550	67T 312470 3	SMD EC 47UF 16V 85C D	1	PCS
C551	65T0603102 32	CHIP 1000PF 50V X7R	1	PCS
C552	67T 312470 3	SMD EC 47UF 16V 85C D	1	PCS
C553	67T 312470 3	SMD EC 47UF 16V 85C D	1	PCS
C554	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C555	65T0603471 32	CHIP 470PF 50V NPO	1	PCS
C556	65T0603471 32	CHIP 470PF 50V NPO	1	PCS
C557	65T0603471 32	CHIP 470PF 50V NPO	1	PCS
C558	65T0603471 32	CHIP 470PF 50V NPO	1	PCS
C559	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C560	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C561	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C562	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C563	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C564	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C565	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C566	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C567	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C568	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C569	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C570	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C571	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C572	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C573	67T 312470 3	SMD EC 47UF 16V 85C D	1	PCS
C574	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C575	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C576	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C577	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C578	67T 312101 3	SMD EC 100UF 16V 85C D	1	PCS
C579	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C580	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C581	67T 312470 3	SMD EC 47UF 16V 85C D	1	PCS
C582	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS

C583	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C584	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C585	67T 312470 3	SMD EC 47UF 16V 85C D	1	PCS
C586	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C587	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C588	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C589	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C590	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C591	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C592	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C593	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C594	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
C595	65T0603103 32	CHIP 0.01UF 50V X7R	1	PCS
CP500	65T600M471 8T	CHIP ARRAY 470PF 8P	1	PCS
D400	93T 64 42 P	BAV70	1	PCS
D401	93T 6433P	BAV99	1	PCS
D402	93T 6433P	BAV99	1	PCS
D403	93T 6433P	BAV99	1	PCS
D404	93T 6432V	LL4148-GSO8 SMD BY VISH	1	PCS
D405	93T 6432V	LL4148-GSO8 SMD BY VISH	1	PCS
D406	93T 6433P	BAV99	1	PCS
D407	93T 6433P	BAV99	1	PCS
D408	93T 6433P	BAV99	1	PCS
D409	93T 6433P	BAV99	1	PCS
D410	93T 6433P	BAV99	1	PCS
D411	93T 6433P	BAV99	1	PCS
D412	93T 6433P	BAV99	1	PCS
D413	93T 6433P	BAV99	1	PCS
D414	93T 64 42 P	BAV70	1	PCS
D500	93T 64 42 P	BAV70	1	PCS
D501	93T 6433P	BAV99	1	PCS
D502	93T 6433P	BAV99	1	PCS
L201	71T 56U601	BEAD 600 OHM	1	PCS
L202	71T 56Z601	CHIP BEAD 600 OHM	1	PCS
L203	71T 56Z601	CHIP BEAD 600 OHM	1	PCS
L204	61V0805000	CHIP 0OHM 1/10W	1	PCS
L205	71T 56U601	BEAD 600 OHM	1	PCS
L206	71T 56U601	BEAD 600 OHM	1	PCS
L207	71T 56U601	BEAD 600 OHM	1	PCS
L208	71T 56U601	BEAD 600 OHM	1	PCS
L209	71T 56U601	BEAD 600 OHM	1	PCS
L210	73T 6318910K	CHIP INDUCTOR 1.8UH	1	PCS
L211	73T 6333910K	CHIP INDUCTOR 3.3UH	1	PCS
L212	71T 56Z601	CHIP BEAD 600 OHM	1	PCS
L213	71T 56U601	BEAD 600 OHM	1	PCS
L218	71T 56U601	BEAD 600 OHM	1	PCS
L219	71T 56U601	BEAD 600 OHM	1	PCS
L220	71T 56U601	BEAD 600 OHM	1	PCS
L300	61V0805000	CHIP 0OHM 1/10W	1	PCS
L304	71T 56U601	BEAD 600 OHM	1	PCS
L305	71T 56U601	BEAD 600 OHM	1	PCS
L306	71T 56U601	BEAD 600 OHM	1	PCS

L307	71T 56U601	BEAD 600 OHM	1	PCS
L308	71T 56U601	BEAD 600 OHM	1	PCS
L309	71T 56U601	BEAD 600 OHM	1	PCS
L310	71T 56U601	BEAD 600 OHM	1	PCS
L311	71T 56U601	BEAD 600 OHM	1	PCS
L400	71T 56G301 EA	CHIP BEAD 300 OHM 0805	1	PCS
L401	71T 59C600	CHIP BEAD	1	PCS
L402	71T 59C600	CHIP BEAD	1	PCS
L403	71T 59C600	CHIP BEAD	1	PCS
L404	71T 56U601	BEAD 600 OHM	1	PCS
L406	71T 56U601	BEAD 600 OHM	1	PCS
L407	71T 57G601	BEAD 1206 600 OHM	1	PCS
L408	71T 56B221	CHIP BEAD 220 OHM	1	PCS
L409	71T 56B221	CHIP BEAD 220 OHM	1	PCS
L410	71T 56B221	CHIP BEAD 220 OHM	1	PCS
L411	71T 56B221	CHIP BEAD 220 OHM	1	PCS
L412	71T 56G301 EA	CHIP BEAD 300 OHM 0805	1	PCS
L413	73T253S 6 K	CHOKE COIL	1	PCS
L414	73T253S 6 K	CHOKE COIL	1	PCS
L415	73T253S 6 K	CHOKE COIL	1	PCS
L416	73T253S 6 K	CHOKE COIL	1	PCS
L500	61V0805000	CHIP 00HM 1/10W	1	PCS
L501	71T 56G301 EA	CHIP BEAD 300 OHM 0805	1	PCS
L502	71T 56G301 EA	CHIP BEAD 300 OHM 0805	1	PCS
L507	71T 56U601	BEAD 600 OHM	1	PCS
L508	71T 56G301 EA	CHIP BEAD 300 OHM 0805	1	PCS
L509	71T 56G301 EA	CHIP BEAD 300 OHM 0805	1	PCS
L510	71T 56G301 EA	CHIP BEAD 300 OHM 0805	1	PCS
L511	71T 56G301 EA	CHIP BEAD 300 OHM 0805	1	PCS
L512	71T 57G601	BEAD 1206 600 OHM	1	PCS
L513	71T 56U601	BEAD 600 OHM	1	PCS
L514	71T 56U601	BEAD 600 OHM	1	PCS
L515	71T 56G301 EA	CHIP BEAD 300 OHM 0805	1	PCS
L517	71T 57G601	BEAD 1206 600 OHM	1	PCS
L518	71T 57G601	BEAD 1206 600 OHM	1	PCS
L519	71T 57G601	BEAD 1206 600 OHM	1	PCS
L520	71T 57G601	BEAD 1206 600 OHM	1	PCS
L522	71T 57G601	BEAD 1206 600 OHM	1	PCS
LP200	71T 57G601 EB	CHIP BEAD	1	PCS
LP500	71T 57G601 EB	CHIP BEAD	1	PCS
P400	88T 340 19 H	HDMI HEADER	1	PCS
Q200	57T 417 4	CHIP PMBS3904 BY PHILIP	1	PCS
Q300	57T 763 2	A04403L	1	PCS
Q301	57T 417 4	CHIP PMBS3904 BY PHILIP	1	PCS
Q404	57T 600 54	BSNZO	1	PCS
Q500	57T 763 1	A03401L SOT23 BY AOS	1	PCS
Q501	57T 417 4	CHIP PMBS3904 BY PHILIP	1	PCS
Q502	57T 763 2	A04403L	1	PCS
Q503	57T 417 4	CHIP PMBS3904 BY PHILIP	1	PCS
Q504	57T 417 4	CHIP PMBS3904 BY PHILIP	1	PCS
Q505	57T 763 2	A04403L	1	PCS
Q506	57T 417 4	CHIP PMBS3904 BY PHILIP	1	PCS

Q507	57T 417 6	PMBS3906/PHILIPS-SMT	1	PCS
R200	71T 59B121 K	CHIP BEAD	1	PCS
R201	61V0603473	CHIP 47K OHM 1/16W	1	PCS
R202	61V0603473	CHIP 47K OHM 1/16W	1	PCS
R203	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R204	61V0603102	CHIPR 1K OHM+-5% 1/10W	1	PCS
R205	61V0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R212	61V0603100	CHIP 10 OHM 1/16W	1	PCS
R213	61V0603100	CHIP 10 OHM 1/16W	1	PCS
R214	61V0603100	CHIP 10 OHM 1/16W	1	PCS
R215	61V0603473	CHIP 47K OHM 1/16W	1	PCS
R216	61V0603473	CHIP 47K OHM 1/16W	1	PCS
R217	61V0603473	CHIP 47K OHM 1/16W	1	PCS
R218	61V0603473	CHIP 47K OHM 1/16W	1	PCS
R219	61V0603473	CHIP 47K OHM 1/16W	1	PCS
R220	61V0603473	CHIP 47K OHM 1/16W	1	PCS
R222	61V0603123	CHIP 12K OHM 1/16W	1	PCS
R223	61V0603220	CHIPR 22 OHM+-5% 1/10W	1	PCS
R224	71T 59B121 K	CHIP BEAD	1	PCS
R225	61V0603104	CHIPR 100K OHM+-5% 1/10	1	PCS
R226	71T 59B121 K	CHIP BEAD	1	PCS
R227	71T 59B121 K	CHIP BEAD	1	PCS
R228	61V0603102	CHIPR 1K OHM+-5% 1/10W	1	PCS
R229	61V0603223	CHIP 22KOHM 1/16W	1	PCS
R230	61V0603750 9F	75 OHM 1% 1/10W	1	PCS
R231	61V0603151	CHIP 150 OHM 1/16W	1	PCS
R232	61V0603750 9F	75 OHM 1% 1/10W	1	PCS
R233	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R235	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R236	61V0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R237	61V0603750 9F	75 OHM 1% 1/10W	1	PCS
R240	61V0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R241	61V0603750 9F	75 OHM 1% 1/10W	1	PCS
R242	61V0603330	CHIP 33 OH 1/16W	1	PCS
R243	61V0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R245	61V0603330	CHIP 33 OH 1/16W	1	PCS
R246	61V0603750 9F	75 OHM 1% 1/10W	1	PCS
R247	61V0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R252	61V0603330	CHIP 33 OH 1/16W	1	PCS
R256	61V0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R257	61V0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R258	61V0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R259	61V0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R260	61V0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R261	61V0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R262	61V0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R300	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R301	61V0603102	CHIPR 1K OHM+-5% 1/10W	1	PCS
R302	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R303	61V0603472	CHIP 1.7K OHM 1/16W	1	PCS
R304	61V0603330	CHIP 33 OH 1/16W	1	PCS
R306	61V0603000	CHIPR 0OHM +-5% 1/10W	1	PCS

R307	61T0603000	CHIP 00HM 1/16W	1	PCS
R308	61T0603100	CHIP 100HM 1/16W	1	PCS
R309	61T0603000	CHIP 00HM 1/16W	1	PCS
R310	61V0603511	CHIP 510 OHM 1/16W	1	PCS
R311	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R312	61V0603000	CHIPR 00HM +-5% 1/10W	1	PCS
R313	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R315	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R316	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R318	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R319	61V0603105	CHIP 1MOHM 1/16W	1	PCS
R320	61V0603000	CHIPR 00HM +-5% 1/10W	1	PCS
R321	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R322	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R323	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R324	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R326	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R327	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R329	61V0603104	CHIPR 100K OHM+-5% 1/10	1	PCS
R330	61V0603104	CHIPR 100K OHM+-5% 1/10	1	PCS
R331	61V0603104	CHIPR 100K OHM+-5% 1/10	1	PCS
R332	61V0603104	CHIPR 100K OHM+-5% 1/10	1	PCS
R333	61V0603104	CHIPR 100K OHM+-5% 1/10	1	PCS
R334	61V0603104	CHIPR 100K OHM+-5% 1/10	1	PCS
R335	61V0603472	CHIP 1.7K OHM 1/16W	1	PCS
R336	61V0603472	CHIP 1.7K OHM 1/16W	1	PCS
R337	61V0603220	CHIPR 22 OHM+-5% 1/10W	1	PCS
R338	61V0603220	CHIPR 22 OHM+-5% 1/10W	1	PCS
R339	61V0603220	CHIPR 22 OHM+-5% 1/10W	1	PCS
R340	61V0603220	CHIPR 22 OHM+-5% 1/10W	1	PCS
R341	61V0603750	CHIP 75OHM 1/16W	1	PCS
R342	61V0603220	CHIPR 22 OHM+-5% 1/10W	1	PCS
R343	61V0603220	CHIPR 22 OHM+-5% 1/10W	1	PCS
R344	61V0603750	CHIP 75OHM 1/16W	1	PCS
R345	61V0603220	CHIPR 22 OHM+-5% 1/10W	1	PCS
R346	61V0603220	CHIPR 22 OHM+-5% 1/10W	1	PCS
R347	61V0603104	CHIPR 100K OHM+-5% 1/10	1	PCS
R348	61V0603104	CHIPR 100K OHM+-5% 1/10	1	PCS
R350	61V0603104	CHIPR 100K OHM+-5% 1/10	1	PCS
R351	71T 56K121 M	CHIP BEAD	1	PCS
R352	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R353	61V0603104	CHIPR 100K OHM+-5% 1/10	1	PCS
R354	61V0603104	CHIPR 100K OHM+-5% 1/10	1	PCS
R355	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R356	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R357	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R358	61V0603913	CHIP 91K OHM 1/16W	1	PCS
R359	61V0603152	CHIP 1.5 OHM 1/16W	1	PCS
R361	61V0603913	CHIP 91K OHM 1/16W	1	PCS
R364	61V0603912	CHIP 9.1K OHM 1/16W	1	PCS
R365	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R366	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS

R367	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R369	61V0603102	CHIPR 1K OHM+-5% 1/10W	1	PCS
R372	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R374	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R376	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R377	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R379	61V0603104	CHIPR 100K OHM+-5% 1/10	1	PCS
R400	61V0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R401	61V0603472	CHIP 1.7K OHM 1/16W	1	PCS
R402	61V0603472	CHIP 1.7K OHM 1/16W	1	PCS
R403	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R404	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R405	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R406	61V0603272	CHIP 2.7KOHM 1/16W	1	PCS
R407	61V0603220	CHIPR 22 OHM+-5% 1/10W	1	PCS
R408	61V0603220	CHIPR 22 OHM+-5% 1/10W	1	PCS
R409	61V0603750 9F	75 OHM 1% 1/10W	1	PCS
R410	61V0603750 9F	75 OHM 1% 1/10W	1	PCS
R411	61V0603750 9F	75 OHM 1% 1/10W	1	PCS
R412	61V0603680	CHIP 68 OHM 1/16W	1	PCS
R415	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R417	61V0603511	CHIP 510 OHM 1/16W	1	PCS
R418	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R421	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R422	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R423	61V0603472	CHIP 1.7K OHM 1/16W	1	PCS
R424	61V0603472	CHIP 1.7K OHM 1/16W	1	PCS
R425	61V0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R432	61V0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R439	61V0603473	CHIP 47K OHM 1/16W	1	PCS
R440	61V0603102	CHIPR 1K OHM+-5% 1/10W	1	PCS
R441	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R442	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R444	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R445	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R446	61V0603474	CHIP 470K OHM 1/6W	1	PCS
R447	61V0603474	CHIP 470K OHM 1/6W	1	PCS
R450	61V0603472	CHIP 1.7K OHM 1/16W	1	PCS
R452	61V0603330	CHIP 33 OH 1/16W	1	PCS
R453	61V0603472	CHIP 1.7K OHM 1/16W	1	PCS
R454	61V0603105	CHIP 1MOHM 1/16W	1	PCS
R455	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R456	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R457	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R458	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R459	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R460	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R461	61V0603472	CHIP 1.7K OHM 1/16W	1	PCS
R462	61V0603472	CHIP 1.7K OHM 1/16W	1	PCS
R463	61V0603472	CHIP 1.7K OHM 1/16W	1	PCS
R464	61V0603472	CHIP 1.7K OHM 1/16W	1	PCS
R465	61V0603472	CHIP 1.7K OHM 1/16W	1	PCS

R467	61V0603000	CHIPR 00HM +-5% 1/10W	1	PCS
R474	61V0603470	CHIP 470HM 1/16W 1%	1	PCS
R475	61V0603470	CHIP 470HM 1/16W 1%	1	PCS
R476	61V0603470	CHIP 470HM 1/16W 1%	1	PCS
R500	61V0805000	CHIP 00HM 1/10W	1	PCS
R501	61V0805000	CHIP 00HM 1/10W	1	PCS
R502	61V0805000	CHIP 00HM 1/10W	1	PCS
R504	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R506	61V0603102	CHIPR 1K OHM+-5% 1/10W	1	PCS
R508	61V0603102	CHIPR 1K OHM+-5% 1/10W	1	PCS
R509	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R510	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R511	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R512	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R513	61V0603120 0F	CHIP 120OHM 0603 1%	1	PCS
R514	61V1206620 0F	CHIP 620OHM 1/8W 1%	1	PCS
R515	61V0603000	CHIPR 00HM +-5% 1/10W	1	PCS
R516	61V0603392	CHIP 3.9K OHM 1/10W	1	PCS
R517	61V0603000	CHIPR 00HM +-5% 1/10W	1	PCS
R518	61V0603392	CHIP 3.9K OHM 1/10W	1	PCS
R519	61V0603392	CHIP 3.9K OHM 1/10W	1	PCS
R520	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R521	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R522	61V0603392	CHIP 3.9K OHM 1/10W	1	PCS
R523	61V0603392	CHIP 3.9K OHM 1/10W	1	PCS
R524	61V0603392	CHIP 3.9K OHM 1/10W	1	PCS
R526	61V0603000	CHIPR 00HM +-5% 1/10W	1	PCS
R527	61V0603000	CHIPR 00HM +-5% 1/10W	1	PCS
R529	61V0603000	CHIPR 00HM +-5% 1/10W	1	PCS
R530	61V0603000	CHIPR 00HM +-5% 1/10W	1	PCS
R531	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R532	61V0603473	CHIP 47K OHM 1/16W	1	PCS
R533	61V0603223	CHIP 22KOHM 1/16W	1	PCS
R534	61V0603302	CHIP 3KOHM 1/16W	1	PCS
R535	61V0805000	CHIP 00HM 1/10W	1	PCS
R536	61V0805000	CHIP 00HM 1/10W	1	PCS
R537	61V0805000	CHIP 00HM 1/10W	1	PCS
R538	61V0805000	CHIP 00HM 1/10W	1	PCS
R539	61V0805000	CHIP 00HM 1/10W	1	PCS
R540	61V0805000	CHIP 00HM 1/10W	1	PCS
R541	61V0805000	CHIP 00HM 1/10W	1	PCS
R544	61V0603473	CHIP 47K OHM 1/16W	1	PCS
R545	61V0603223	CHIP 22KOHM 1/16W	1	PCS
R546	61V0603223	CHIP 22KOHM 1/16W	1	PCS
R547	61V0603473	CHIP 47K OHM 1/16W	1	PCS
R548	61V0603223	CHIP 22KOHM 1/16W	1	PCS
R549	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R550	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R551	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R552	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R556	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R557	61V0603104	CHIPR 100K OHM+-5% 1/10	1	PCS

R559	61V0603510 1F	CHIP 5.1KOHM 1% 1/10W	1	PCS
R560	61V0603820 1F	RES 8K2 1/10W 1% SMT 06	1	PCS
R561	61V0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R562	61V0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R563	61V0603222	CHIPR 2.2K OHM+-5% 1/10	1	PCS
R564	61V0603222	CHIPR 2.2K OHM+-5% 1/10	1	PCS
R565	61V0603472	CHIP 1.7K OHM 1/16W	1	PCS
RN202	61V 125330 8	CHIP ARRAY 100 OHM 1/16	1	PCS
RN203	61V 125330 8	CHIP ARRAY 100 OHM 1/16	1	PCS
RN204	61V 125330 8	CHIP ARRAY 100 OHM 1/16	1	PCS
RN205	61V 125330 8	CHIP ARRAY 100 OHM 1/16	1	PCS
RN206	61V 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN207	61V 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN208	61V 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN209	61V 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN210	61V 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN211	61V 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN212	61V 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN213	61V 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN214	61V 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN301	61V 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN302	61V 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN303	61V 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN304	61V 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN305	61V 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN306	61V 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN307	61V 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN308	61V 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN312	61V 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN313	61V 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN314	61V 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN315	61V 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN316	61V 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN317	61V 125220 8	CHIP ARRAY 22 OHM 1/16W	1	PCS
RN400	61V 125101 8	CHIP ARRAY 100OHM 1/15W	1	PCS
RN401	61V 125101 8	CHIP ARRAY 100OHM 1/15W	1	PCS
RN402	61V 125101 8	CHIP ARRAY 100OHM 1/15W	1	PCS
RN403	61V 125101 8	CHIP ARRAY 100OHM 1/15W	1	PCS
RN404	61V 125101 8	CHIP ARRAY 100OHM 1/15W	1	PCS
RN405	61V 125101 8	CHIP ARRAY 100OHM 1/15W	1	PCS
RP400	61V 125470 8	CHIP ARRAY 47 OHM 1/16W	1	PCS
RP402	61V 125470 8	CHIP ARRAY 47 OHM 1/16W	1	PCS
RP403	61V 125470 8	CHIP ARRAY 47 OHM 1/16W	1	PCS
RP404	61V 125470 8	CHIP ARRAY 47 OHM 1/16W	1	PCS
RP405	61V 125470 8	CHIP ARRAY 47 OHM 1/16W	1	PCS
RP406	61V 125470 8	CHIP ARRAY 47 OHM 1/16W	1	PCS
RP407	61V 125470 8	CHIP ARRAY 47 OHM 1/16W	1	PCS
U200	56T 563 31	AZ1117D-1.8E1 TO-252	1	PCS
U201	56T 585 9	ANACHIP	1	PCS
U202	56T 634 2	PI5V330Q QSOP-16 BY PE	1	PCS
U203	56T 575 6	TLP5160PNP TQFP-128	1	PCS
U204	56T 615 8B	IS42S16400B-7T TSOPII-5	1	PCS



U300	87T 202 32 NY	IC SOCKET 32PIN PLCC	1	PCS
U301	56T 562 87	SPV302A PBGA-388 SUNPLU	1	PCS
U303	56T 615 8B	IS42S16400B-7T TSOPII-5	1	PCS
U304	56T 657 3	P2781AF-08SR	1	PCS
U306	56T1133 56	M24C16-WMN6TP	1	PCS
U307	56T 634 2	PI5V330Q QSOP-16 BY PE	1	PCS
U308	56T 652 1	PCA9554PW TSSOP-16 PHIL	1	PCS
U400	56T 567 9	AD9882AKSTZ-100	1	PCS
U401	56T1133 34	M24C02-WMN6TP	1	PCS
U402	56T1133 34	M24C02-WMN6TP	1	PCS
U404	56T 585 4A	AP1117E33LA	1	PCS
U405	56T1133 34	M24C02-WMN6TP	1	PCS
U406	56T 642600	SII9011CLU	1	PCS
U407	56T 585 4A	AP1117E33LA	1	PCS
U408	56T 638601	CS4344-CZZ	1	PCS
U409	56T 563 31	AZ1117D-1.8E1 TO-252	1	PCS
U410	56T 662 3	CM2021-00TR TSSOP-38	1	PCS
U500	56T 585 4A	AP1117E33LA	1	PCS
U501	56T 628 4	NJW1147M-PF	1	PCS
U502	56T 535 8	MAX9704	1	PCS
U503	56T 133 30AAC	AZ1117H-1.8-E1	1	PCS
U504	56T 616 3	PT2308S SO-8 PTC	1	PCS
U505	56T 561 8	THC63LVDM83R	1	PCS
U506	56T 585 4A	AP1117E33LA	1	PCS
U507	56T 585 4A	AP1117E33LA	1	PCS
U508	56T 563 44	AME8815BEGT 250Z SOP-22	1	PCS
ZD400	93T 39147	TZMC 5V6	1	PCS
ZD401	93T 39147	TZMC 5V6	1	PCS
ZD402	93T 39147	TZMC 5V6	1	PCS
ZD403	93T 39147	TZMC 5V6	1	PCS
<b>TUPFFA3</b>				
	SMTTUPFFA3	TUNER BOARD	1	PCS
C113	67T 309101 7	100UF +-20% 50V	1	PCS
CN101	88T 78 1315T	NO APP	1	PCS
J100	33T802436C H	HEADER FEMALE 36P 2.0MM	1	PCS
J101	88T 78 13 3C	AV-S-01-W	1	PCS
J102	88T 78 13 1C	RCA JACK	1	PCS
J103	88T 78 1316C	RCA JACK2*3 R/BLU/G+Y/W	1	PCS
L104	73T 259 4	CHOKE COIL	1	PCS
R100	61T 20062952T	6.2 OHM 1% 1/4W	1	PCS
R114	61T153M390 59	39 OHM 5% 3W	1	PCS
R159	61T153M390 59	39 OHM 5% 3W	1	PCS
TU100	94VNPALALL C	TDQ-6B7-FM2W-B TUNER	1	PCS
X600	93T 2268B J	18.432MHZ	1	PCS
	715V1570 G	PCB	1	PCS
C100	65T0603152 31	CHIP 1500PF 50V NPO	1	PCS
C101	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C102	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C103	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C104	67T 312100 7	SMD EC 10UF 50L 85C	1	PCS
C105	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C106	67V311F221 2	SMD EC 220UF 10V 105C	1	PCS

C107	67V311F221 2	SMD EC 220UF 10V 105C	1	PCS
C108	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C109	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C110	65T0603101 32	CHIP 100PF 50V X7R	1	PCS
C111	65T0603101 32	CHIP 100PF 50V X7R	1	PCS
C112	65T0603101 32	CHIP 100PF 50V X7R	1	PCS
C114	67T 312101 3	SMD EC 100UF 16V 85C D	1	PCS
C115	67T 312101 3	SMD EC 100UF 16V 85C D	1	PCS
C116	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C117	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C118	67T 312101 3	SMD EC 100UF 16V 85C D	1	PCS
C119	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C120	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C121	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C122	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C123	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C124	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C125	65T0603471 32	CHIP 470PF 50V NPO	1	PCS
C126	67T 312471 3	SMD EC 470UF 16V 85C	1	PCS
C128	65T0603680 32	CHIP 68PF 50V X7R	1	PCS
C131	65T0603471 32	CHIP 470PF 50V NPO	1	PCS
C132	65T0603680 32	CHIP 68PF 50V X7R	1	PCS
C133	65T0603680 32	CHIP 68PF 50V X7R	1	PCS
C134	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C135	65T0603471 32	CHIP 470PF 50V NPO	1	PCS
C136	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C137	65T0603680 32	CHIP 68PF 50V X7R	1	PCS
C138	65T0603471 32	CHIP 470PF 50V NPO	1	PCS
C139	65T0603471 32	CHIP 470PF 50V NPO	1	PCS
C140	65T0603680 32	CHIP 68PF 50V X7R	1	PCS
C141	65T0603680 32	CHIP 68PF 50V X7R	1	PCS
C142	65T0603680 32	CHIP 68PF 50V X7R	1	PCS
C143	65T0603680 32	CHIP 68PF 50V X7R	1	PCS
C144	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C145	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C146	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C147	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C148	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C149	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C150	65T0603220 32	CHIP 22PF 50V X7R	1	PCS
C151	65T0603220 32	CHIP 22PF 50V X7R	1	PCS
C152	65T0603220 32	CHIP 22PF 50V X7R	1	PCS
C153	65T0603220 32	CHIP 22PF 50V X7R	1	PCS
C156	65T0603220 32	CHIP 22PF 50V X7R	1	PCS
C157	65T0603220 32	CHIP 22PF 50V X7R	1	PCS
C158	65T0603220 32	CHIP 22PF 50V X7R	1	PCS
C162	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C163	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C600	65T0603152 31	CHIP 1500PF 50V NPO	1	PCS
C601	65T0603101 31	CHIP 100PF 50V NPO	1	PCS
C602	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C603	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS

C604	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C605	65T0603104 12	CHIP 0.1UF 50V X7R	1	PCS
C606	65T0603220 31	CHIP 22PF 50V NPO	1	PCS
C607	65T0603220 31	CHIP 22PF 50V NPO	1	PCS
C608	65T0603560 31	CHIP 56PF 50V NPO	1	PCS
C609	65T0603560 31	CHIP 56PF 50V NPO	1	PCS
C610	67T 312101 3	SMD EC 100UF 16V 85C D	1	PCS
C611	65T0603471 31	CHIP 470PF 50V NPO	1	PCS
C612	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C613	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C614	67T 312109 3	SMD EC 1UF 16V 85C	1	PCS
C615	67T 312109 3	SMD EC 1UF 16V 85C	1	PCS
C616	67T 312109 3	SMD EC 1UF 16V 85C	1	PCS
C617	67T 312109 3	SMD EC 1UF 16V 85C	1	PCS
C618	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C619	67T 312109 3	SMD EC 1UF 16V 85C	1	PCS
C620	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C621	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C622	65T0603471 31	CHIP 470PF 50V NPO	1	PCS
C623	67T 312109 3	SMD EC 1UF 16V 85C	1	PCS
C624	65T0603331 32	CHIP 330PF 50V X7R	1	PCS
C625	65T0603331 32	CHIP 330PF 50V X7R	1	PCS
C626	65T0603331 32	CHIP 330PF 50V X7R	1	PCS
C627	65T0603331 32	CHIP 330PF 50V X7R	1	PCS
C628	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C629	67T 312220 3	SMD EC 22UF 16V 85C	1	PCS
C630	67T 312339 3T	CHIP EC 3.3UF 16V 85C	1	PCS
C631	65T0603331 32	CHIP 330PF 50V X7R	1	PCS
C632	65T0603331 32	CHIP 330PF 50V X7R	1	PCS
C633	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C634	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C635	65T0603152 31	CHIP 1500PF 50V NPO	1	PCS
C636	65T0603471 31	CHIP 470PF 50V NPO	1	PCS
C637	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C638	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C639	67T 312100 3	SMD EC 10UF 16V 85C B	1	PCS
C640	65T0603102 31	CHIP 1000PF 50V NPO	1	PCS
C641	65T0603102 31	CHIP 1000PF 50V NPO	1	PCS
C642	65T0603102 31	CHIP 1000PF 50V NPO	1	PCS
C643	67T 312470 3	SMD EC 47UF 16V 85C D	1	PCS
C644	65T0603102 31	CHIP 1000PF 50V NPO	1	PCS
C645	65T0603102 31	CHIP 1000PF 50V NPO	1	PCS
C646	65T0603560 31	CHIP 56PF 50V NPO	1	PCS
D100	93T 6432V	LL4148-GSO8 SMD BY VISH	1	PCS
D101	93T 6432V	LL4148-GSO8 SMD BY VISH	1	PCS
L100	71T 59B121	BEAD 0603 120 OHM	1	PCS
L101	71T 59B601 EA	CHIP BEAD 600OHM 0603 T	1	PCS
L102	71T 59B601 EA	CHIP BEAD 600OHM 0603 T	1	PCS
L105	73V 62181	CHIP INDUCTOR 189UH KC	1	PCS
L106	71T 59B601 EA	CHIP BEAD 600OHM 0603 T	1	PCS
L107	71T 56Z601	CHIP BEAD 600 OHM	1	PCS
L108	71T 59B121	BEAD 0603 120 OHM	1	PCS

L111	71T 56U601	BEAD 600 OHM	1	PCS
L112	71T 59B121	BEAD 0603 120 OHM	1	PCS
L113	71T 59B121	BEAD 0603 120 OHM	1	PCS
L114	71T 59B601 EA	CHIP BEAD 600OHM 0603 T	1	PCS
L115	71T 56Z601	CHIP BEAD 600 OHM	1	PCS
L116	71T 59B121	BEAD 0603 120 OHM	1	PCS
L117	71T 56Z601	CHIP BEAD 600 OHM	1	PCS
L118	71T 59B121	BEAD 0603 120 OHM	1	PCS
L119	71T 59B121	BEAD 0603 120 OHM	1	PCS
L120	71T 59B121	BEAD 0603 120 OHM	1	PCS
L121	71T 59B601 EA	CHIP BEAD 600OHM 0603 T	1	PCS
L122	71T 59B601 EA	CHIP BEAD 600OHM 0603 T	1	PCS
L123	71T 59B601 EA	CHIP BEAD 600OHM 0603 T	1	PCS
L124	71T 59B601 EA	CHIP BEAD 600OHM 0603 T	1	PCS
L600	71T 56U601	BEAD 600 OHM	1	PCS
L601	71T 59B601 EA	CHIP BEAD 600OHM 0603 T	1	PCS
L602	71T 59B601 EA	CHIP BEAD 600OHM 0603 T	1	PCS
L603	71T 59B601 EA	CHIP BEAD 600OHM 0603 T	1	PCS
Q100	57T 600 54	BSNZO	1	PCS
Q101	57T 417 4	CHIP PMBS3904 BY PHILIP	1	PCS
Q102	57T 600 54	BSNZO	1	PCS
Q103	57T 417 4	CHIP PMBS3904 BY PHILIP	1	PCS
Q105	57T 417 4	CHIP PMBS3904 BY PHILIP	1	PCS
Q109	57T 417 4	CHIP PMBS3904 BY PHILIP	1	PCS
Q110	57T 417 4	CHIP PMBS3904 BY PHILIP	1	PCS
R101	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R102	61V0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R103	61V0603472	CHIP 1.7K OHM 1/16W	1	PCS
R104	61V0603472	CHIP 1.7K OHM 1/16W	1	PCS
R105	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R106	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R107	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R108	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R110	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R111	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R112	61V0603820	CHIPR 820HM+-5% 1/10W	1	PCS
R113	61V0603181	CHIP 180OHM 1/16W	1	PCS
R116	61V0603470 2F	CHIP 47K OHM 1/16W	1	PCS
R117	61V0603150 0F	CHIP 150 OHM 1/16W 1%	1	PCS
R118	61V0603180 1F	CHIP 1.8K OHM 1/16W 1%	1	PCS
R123	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R124	61V0603750 9F	75 OHM 1% 1/10W	1	PCS
R126	61V0603104	CHIPR 100K OHM+-5% 1/10	1	PCS
R131	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R132	61V0805000	CHIP 0OHM 1/10W	1	PCS
R133	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R134	61V0603102	CHIPR 1K OHM+-5% 1/10W	1	PCS
R137	61V0603750 9F	75 OHM 1% 1/10W	1	PCS
R138	61V0603750 9F	75 OHM 1% 1/10W	1	PCS
R139	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R140	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R141	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS

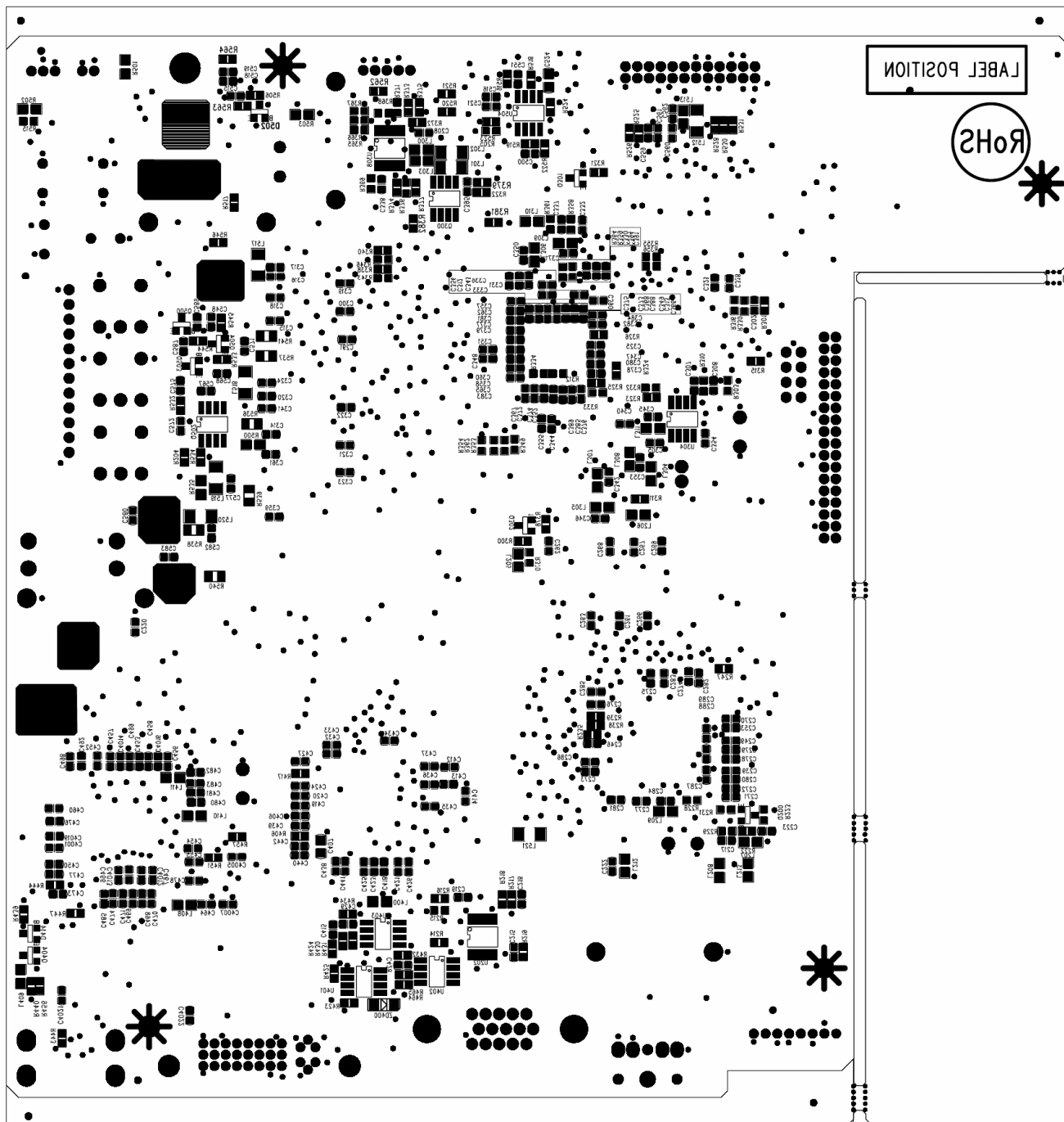
R142	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R144	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R145	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R146	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R147	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R148	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R152	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R153	61V0805000	CHIP 0OHM 1/10W	1	PCS
R154	61V0805000	CHIP 0OHM 1/10W	1	PCS
R155	61V0603750 9F	75 OHM 1% 1/10W	1	PCS
R156	61V0603750 9F	75 OHM 1% 1/10W	1	PCS
R602	61V0603120 0F	CHIP 120OHM 0603 1%	1	PCS
R603	61V0603102	CHIPR 1K OHM+-5% 1/10W	1	PCS
R604	61V1206620 0F	CHIP 620OHM 1/8W 1%	1	PCS
R608	61V0603471	CHIPR 470 OHM+-5% 1/10W	1	PCS
R609	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R610	61V0603471	CHIPR 470 OHM+-5% 1/10W	1	PCS
R611	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R612	61V0603471	CHIPR 470 OHM+-5% 1/10W	1	PCS
R613	61V0603471	CHIPR 470 OHM+-5% 1/10W	1	PCS
R614	61V0603472	CHIP 1.7K OHM 1/16W	1	PCS
R615	61V0603471	CHIPR 470 OHM+-5% 1/10W	1	PCS
R617	61V0603471	CHIPR 470 OHM+-5% 1/10W	1	PCS
R619	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R620	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R621	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
RN100	61V 125473 8	CHIP ARRAY 47K OHM 1/16	1	PCS
RN101	61V 125473 8	CHIP ARRAY 47K OHM 1/16	1	PCS
RN102	61V 125473 8	CHIP ARRAY 47K OHM 1/16	1	PCS
RN103	61V 125473 8	CHIP ARRAY 47K OHM 1/16	1	PCS
U100	56T 614 1	74HC4052D	1	PCS
U101	56T 585 4A	AP1117E33LA	1	PCS
U102	56T 379 36	MC34063A	1	PCS
U103	56T 13334AAAC	AZ1117S-5.0TRE1 3PIN	1	PCS
U104	56T 625 1	NJM-2244M-TE1/JRC	1	PCS
U105	56T 652 1	PCA9554PW TSSOP-16 PHIL	1	PCS
U600	56T 133 30AAC	AZ1117H-1.8-E1	1	PCS
U601	56T 593504	MSP3450G-QI-B8-V3	1	PCS
	HJPFA60A7	HEADPHONE JACK BOARD	1	PCS
	IRPFF60A1	IR BOARD	1	PCS
	KEPFF60KA3	KEY BOARD	1	PCS
	11T 176 1 RL	CABLE MOUNT FTC4	1	PCS
	12T6107 1	rubber foot	9	PCS
	15T6184 1	Kensington lock	1	PCS
	15T8224 1	BASE PLATE	1	PCS
	15T8225 1	BKT KEY PAD	1	PCS
	15T8242 1	BKT CARD READER	1	PCS
	20T 031 1	HINGE BKT	1	PCS
	33T4823 RG L	ID1 FUN KEY	1	PCS
	33T4828 ED C	REMOTE LENS	1	PCS
	33T4829 2 X	LCD TV IR BOARD	1	PCS
	33T4832 RG L	CLIP CABLE	1	PCS

	33T6301B14 2C	PC PLATE ON TOP	1	PCS
	34T1659ARG 1L	BEZEL	1	PCS
	34T1660 GM 2L	REAR COVER	1	PCS
	34T1662 GM L	BASE	1	PCS
	34T1663 RG L	BASE COSMETIC	1	PCS
	34T1664 RG L	STAND BTM	1	PCS
	37T 546 1	HINGE	1	PCS
	44T3121510506	SPONGE	1	PCS
	44T3231 21 2	EVA WASHER	4	PCS
	77T 306 23 CH	RICJER SWITCH RF-1003	1	PCS
	78T 447 2 L	4.0 OHM SPEAKER	1	PCS
	78T 447 2 R	4.0 OHM SPEAKER	1	PCS
	95T8021 3 14	HARNESS	1	PCS
	95T8021 3506	HARNESS	1	PCS
	M1T 140 10120	SCREW M4X10	4	PCS
	M1T 330 4128	SCREW	3	PCS
	M1T 330 4128	SCREW	2	PCS
	Q1T 140 10128	SCREW	8	PCS
	Q1T 140 10128	SCREW	4	PCS
	Q1T 330 6120	SCREW	2	PCS
	Q1T 330 6120	SCREW	1	PCS
	Q1T 330 6120	SCREW	2	PCS
	Q1T1040 6128	SCREW	4	PCS
	Q1T1040 10128	SCREW	8	PCS
	W33T4854 RG L	STAND MID	1	PCS
	W33T4855 RG L	STAND TOP	1	PCS
	W33T6381BGM 2L	LOVER	1	PCS
<b>HJPF60A7</b>				
	SMTHJPF60A7	TUNER BOARD SMT	1	PCS
CN1	33T3802 5H	WAFER 5P RIGHT ANELE PI	1	PCS
GND	95T 900 53	HARNESS 95MM	1	PCS
J1	88T 30230C	PHONE JACK	1	PCS
	715T1290 1 5	PCB FOR HJPF	1	PCS
C1	65T0603471 31	CHIP 470PF 50V NPO	1	PCS
C2	65T0603471 31	CHIP 470PF 50V NPO	1	PCS
C3	65T0603472 32	CHIP 4700PF 50V X7R	1	PCS
FB1	71T 56U601	BEAD 600 OHM	1	PCS
FB2	71T 56U601	BEAD 600 OHM	1	PCS
FB3	71T 56U601	BEAD 600 OHM	1	PCS
	IRPFF60A1			
	SMTIRPFF60A1	TUNER BOARD SMT	1	PCS
	95T 900 53	HARNESS 95MM	1	PCS
CN2	33T3802 4	WAFER PH-4	1	PCS
U4	56T 627 5	TSOP4833	1	PCS
	715T1453 1 I	PCB FOR IRPF	1	PCS
C39	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C40	65T0805475 A5	CHIP 4.7UF 10V X5R	1	PCS
C41	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C42	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C43	65T0603102 32	CHIP 1000PF 50V X7R	1	PCS
D6	81T 14 15 KB	KAA-3528CGKSYKC-01-AOC	1	PCS
FB6	71T 59B601 EA	CHIP BEAD 600OHM 0603 T	1	PCS

FB7	71T 59B601 EA	CHIP BEAD 600OHM 0603 T	1	PCS
FB8	71T 59B601 EA	CHIP BEAD 600OHM 0603 T	1	PCS
Q6	57T 417 6	PMBS3906/PHILIPS-SMT	1	PCS
R43	61V0603101	CHIPR 100 OHM+-5% 1/10W	1	PCS
R44	61V1206152	CHIP 1.5KOHM 5% 1/8W	1	PCS
R45	61V0603103	CHIPR 10K OHM+-5% 1/10W	1	PCS
R46	61V1206102	CHIP 1K OHM 5% 1/4W	1	PCS
<b>KEPFF60KA3</b>				
	SMTKEPFF60KA3	KEY BOARD	1	PCS
	715T1623 1	KEY BOARD PCB	1	PCS
C1	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
C2	65T0603104 32	CHIP 0.1UF 50V X7R	1	PCS
CN1	33T8032 4C	WAFER 1.25MM SMT 4P	1	PCS
D1	93T 6433P	BAV99	1	PCS
L1	71V 56G151 AC	CHIP BEAD 150OHM	1	PCS
L2	71V 56G151 AC	CHIP BEAD 150OHM	1	PCS
R1	61V0603220 1F	2.2K OHM 1% 1/10W	1	PCS
R2	61V0603000	CHIPR 0OHM +-5% 1/10W	1	PCS
R3	61V0603220 0F	220 OHM +-1% 1/10W	1	PCS
R4	61V0603560 0F	RES 560R 1/10W 1% SMT 0	1	PCS
R5	61V0603911	CHIP 910 OHM 1/10W	1	PCS
R6	61V0603130 1F	CHIPR 1.3KOHM +-1% 1/10	1	PCS
R7	61V0603200 1F	CHIP 2KOHM 1% 1/10W	1	PCS
R8	61V0603300 1F	CHIP 3KOHM 1/16W 1%	1	PCS
S1	77V 604 2 TO	CHIP TACT SW BY TOUKE T	1	PCS
S2	77V 604 2 TO	CHIP TACT SW BY TOUKE T	1	PCS
S3	77V 604 2 TO	CHIP TACT SW BY TOUKE T	1	PCS
S4	77V 604 2 TO	CHIP TACT SW BY TOUKE T	1	PCS
S5	77V 604 2 TO	CHIP TACT SW BY TOUKE T	1	PCS
S6	77V 604 2 TO	CHIP TACT SW BY TOUKE T	1	PCS
S7	77V 604 2 TO	CHIP TACT SW BY TOUKE T	1	PCS

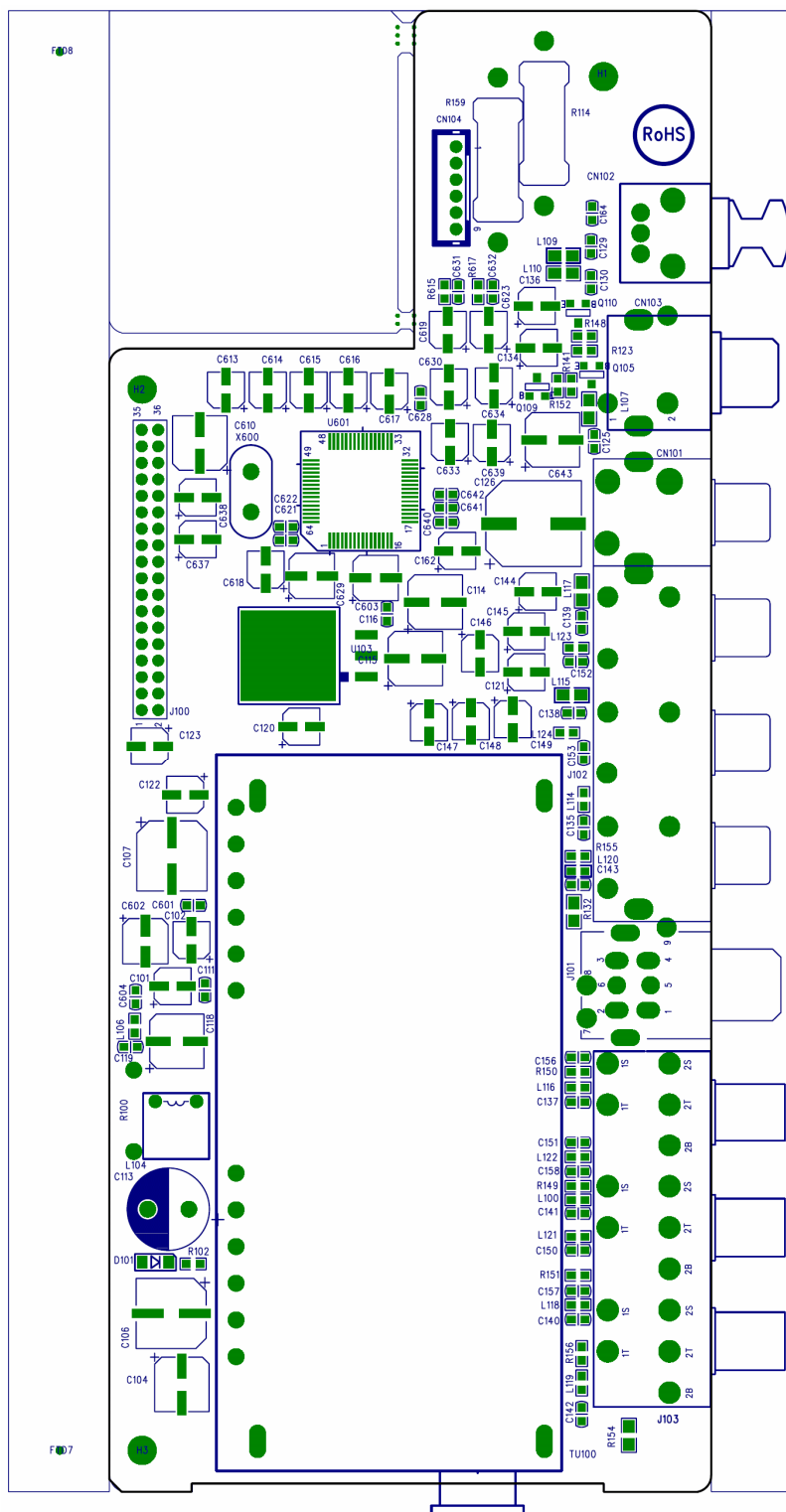
## 10. PCB LAYOUT

### 10-1. MAIN BOARD PCB LAYOUT

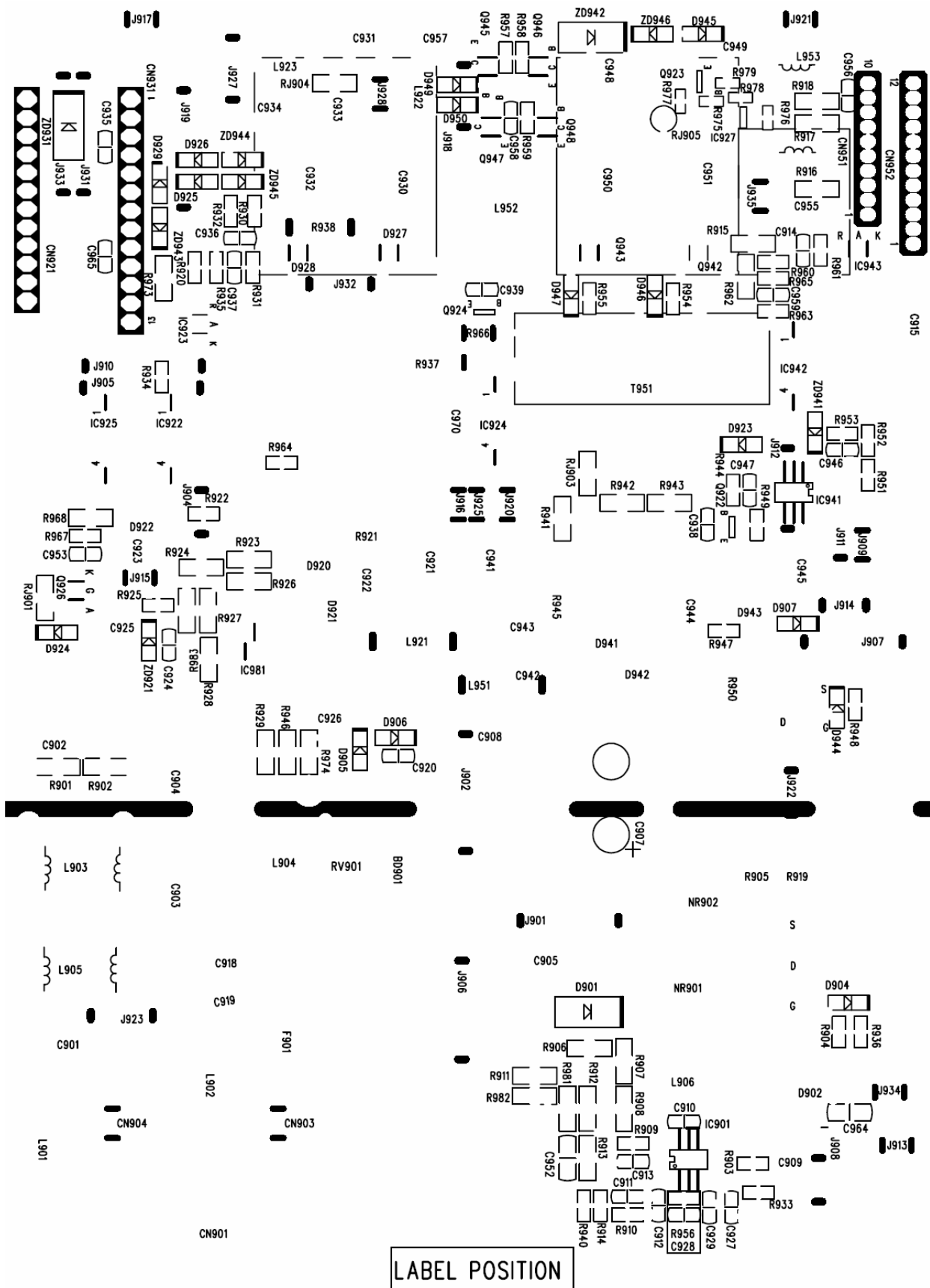




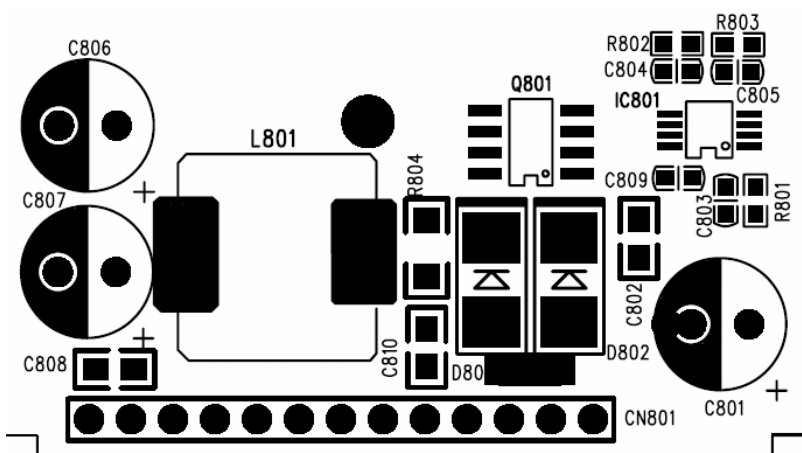
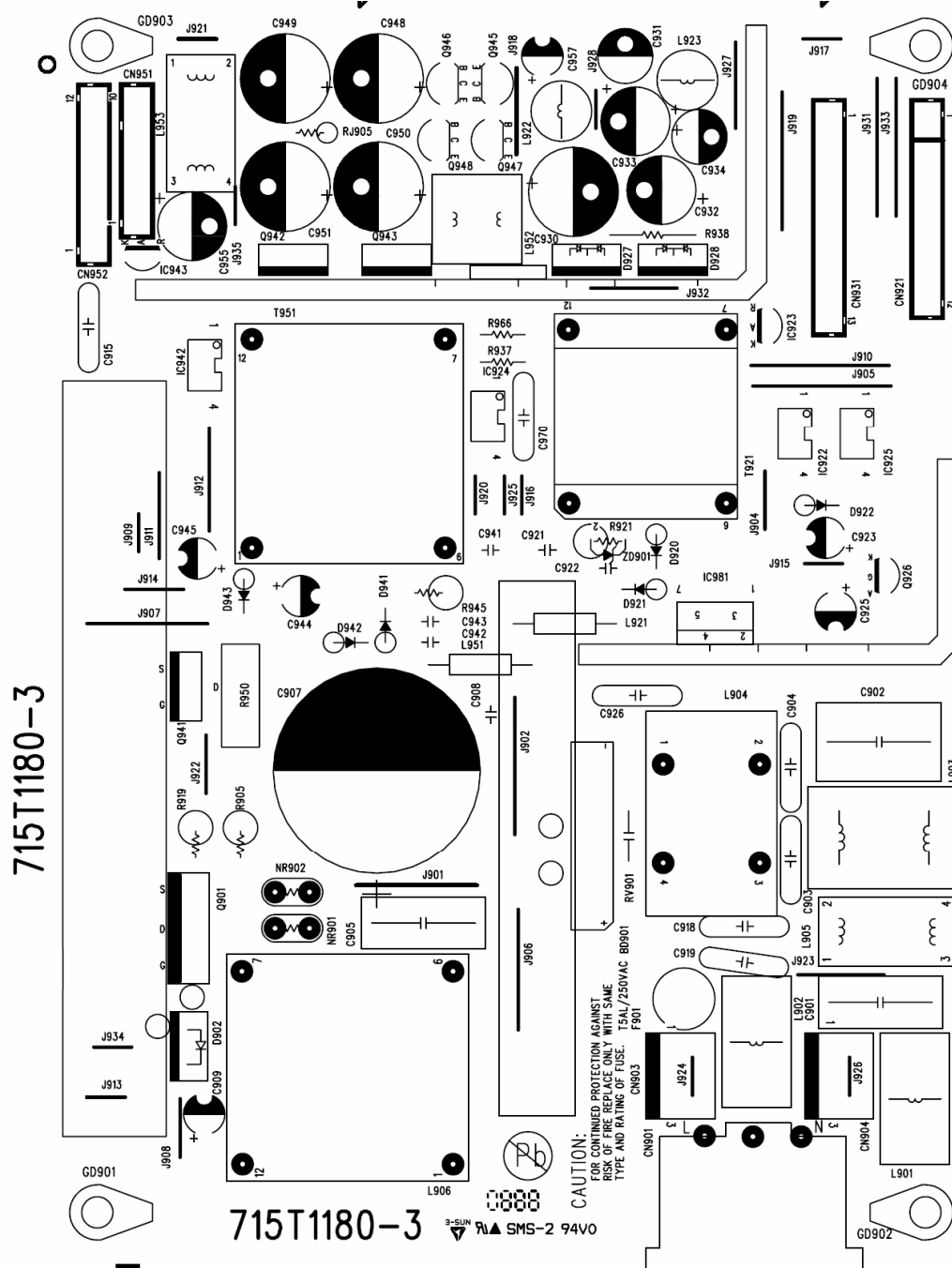




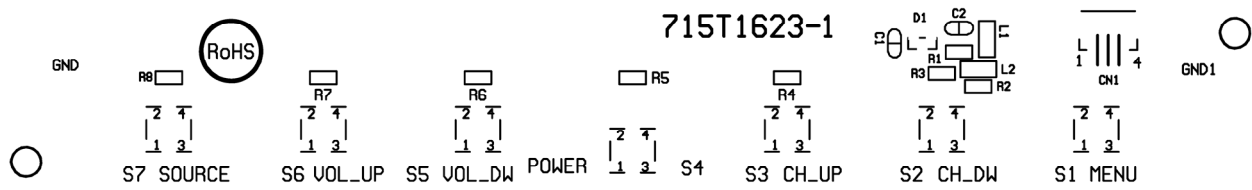
## 10-3. ADAPTER BOARD PCB LAYOUT



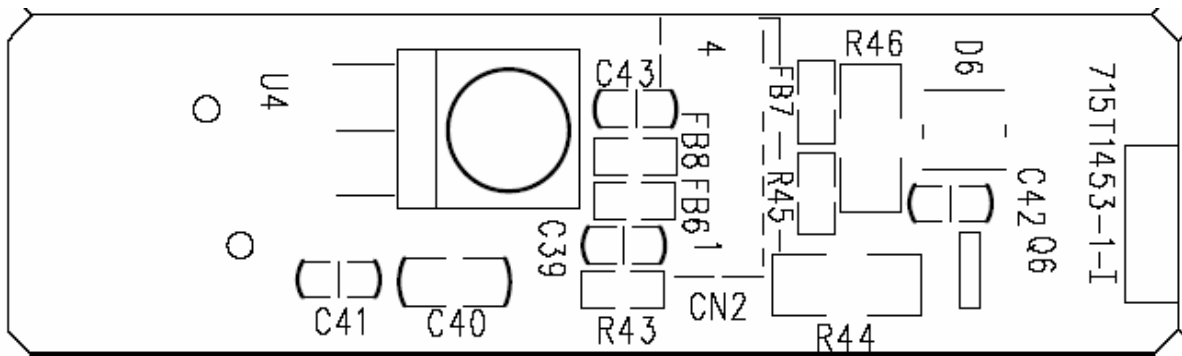
E-08111517



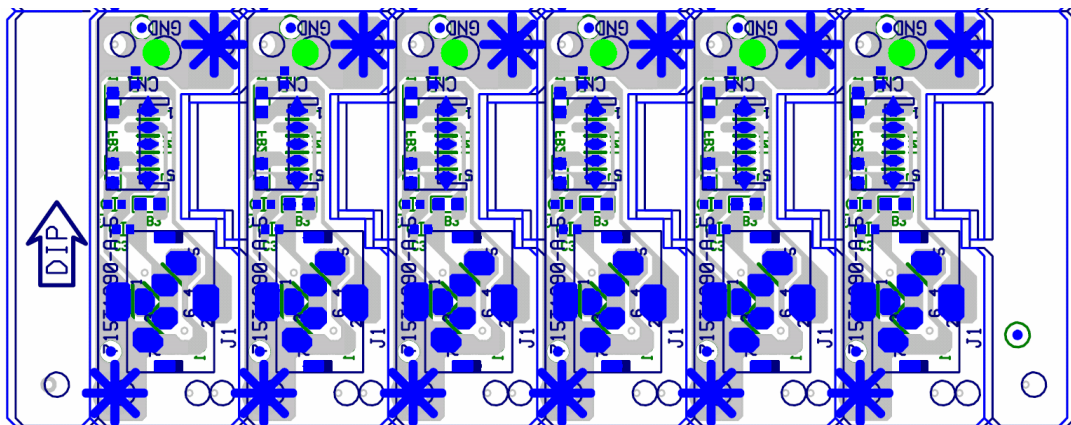
## 10-4 KEY BOARD PCB LAYOUT



## 10-5 IR BOARD LAYOUT

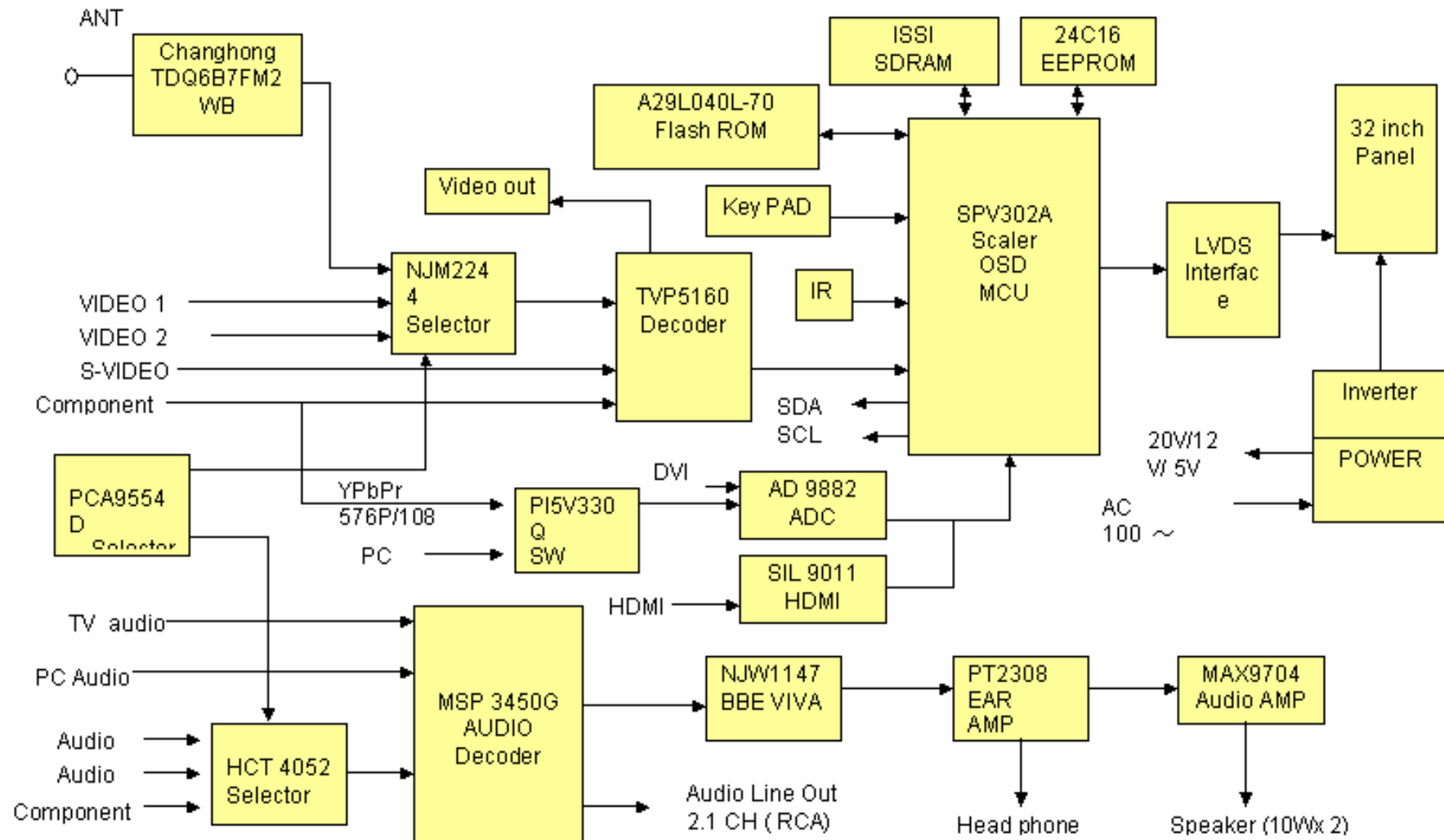


## 10-6 PHONE JACK BOARD LAYOUT



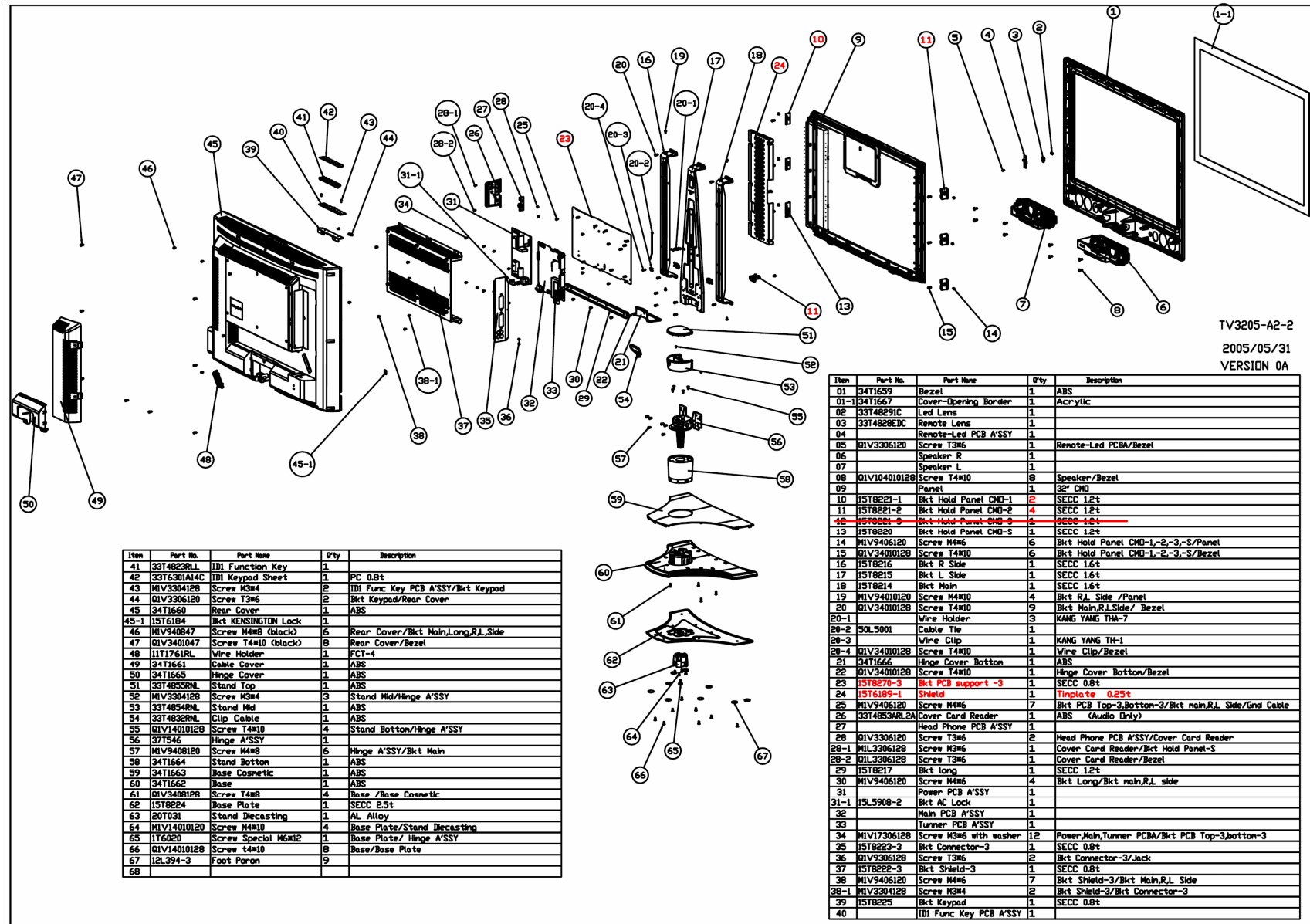
## 11.BLOCK DIAGRAM

### 11-1 MAIN BOARD BLOCK DIAGRAM



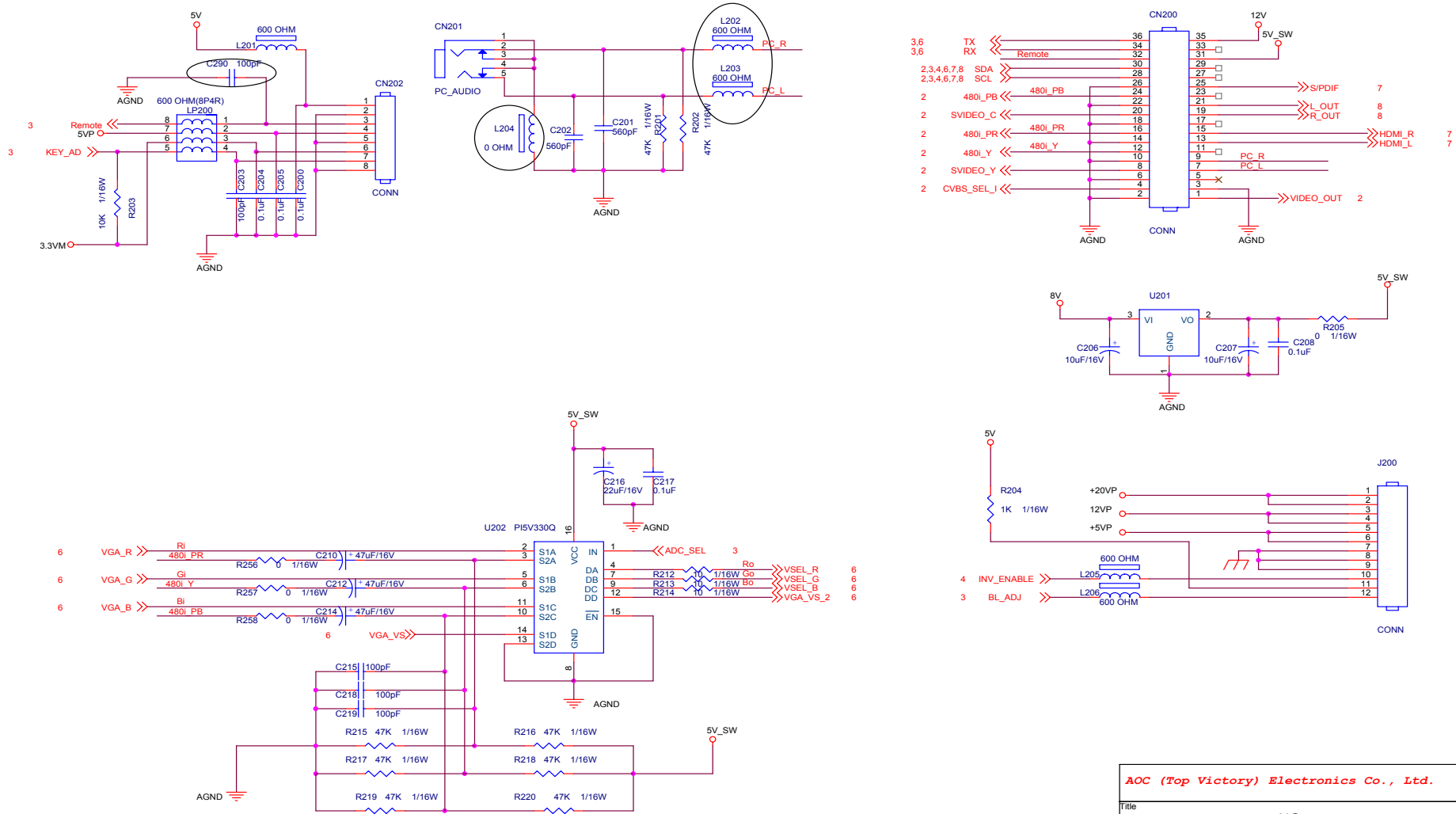
注: AV2 和 S-VIDEO 使用相同的音频输入

## 11-2. MECHANICAL OF CABINET FRONT DIS-ASSEMBLY



12. SCHEMATIC DIAGRAM

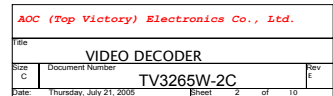
12-1 MAIN BOARD



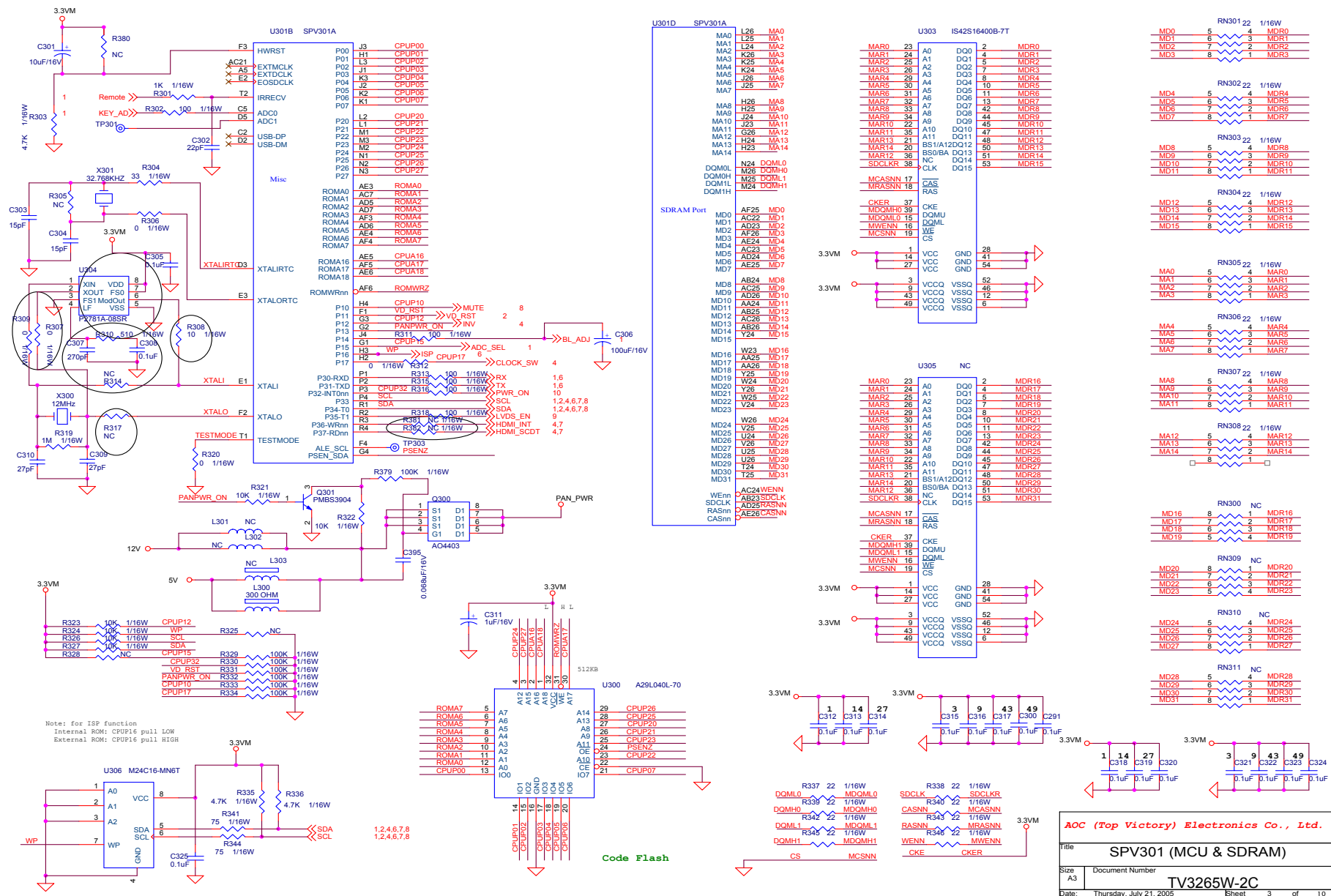
AOC (Top Victory) Electronics Co., Ltd.			
Title		I/O	
Size	Document Number	TV3265W-2C	
B		Rev	E
Date:	Thursday, July 21, 2005	Sheet	1 of 10



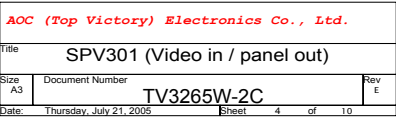
**TCL LCD32B67**



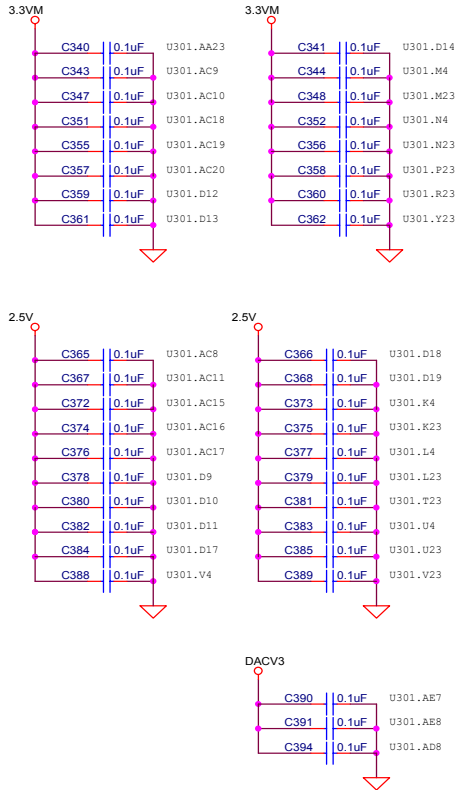
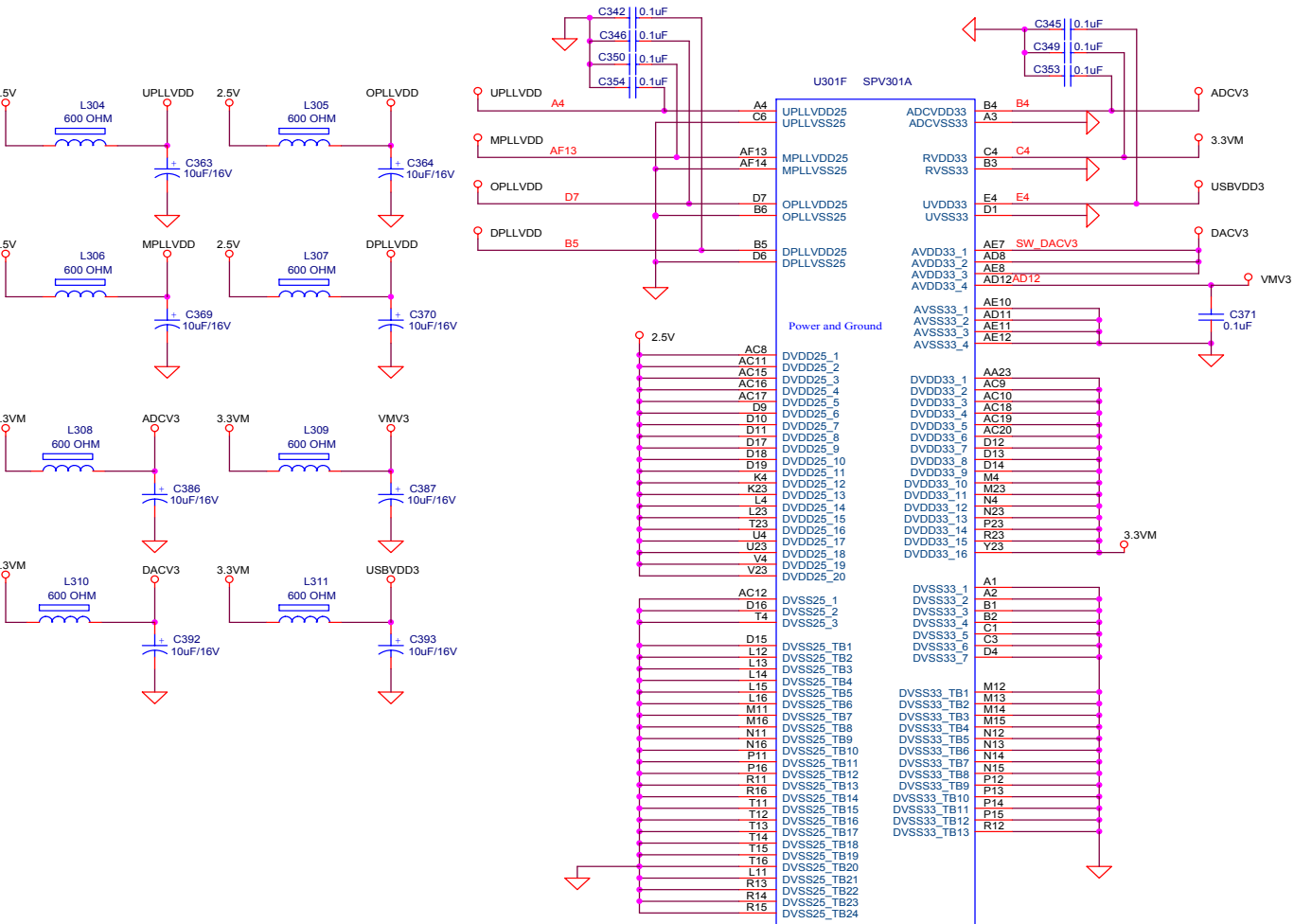
**TCL LCD32B67**



# TCL LCD32B67

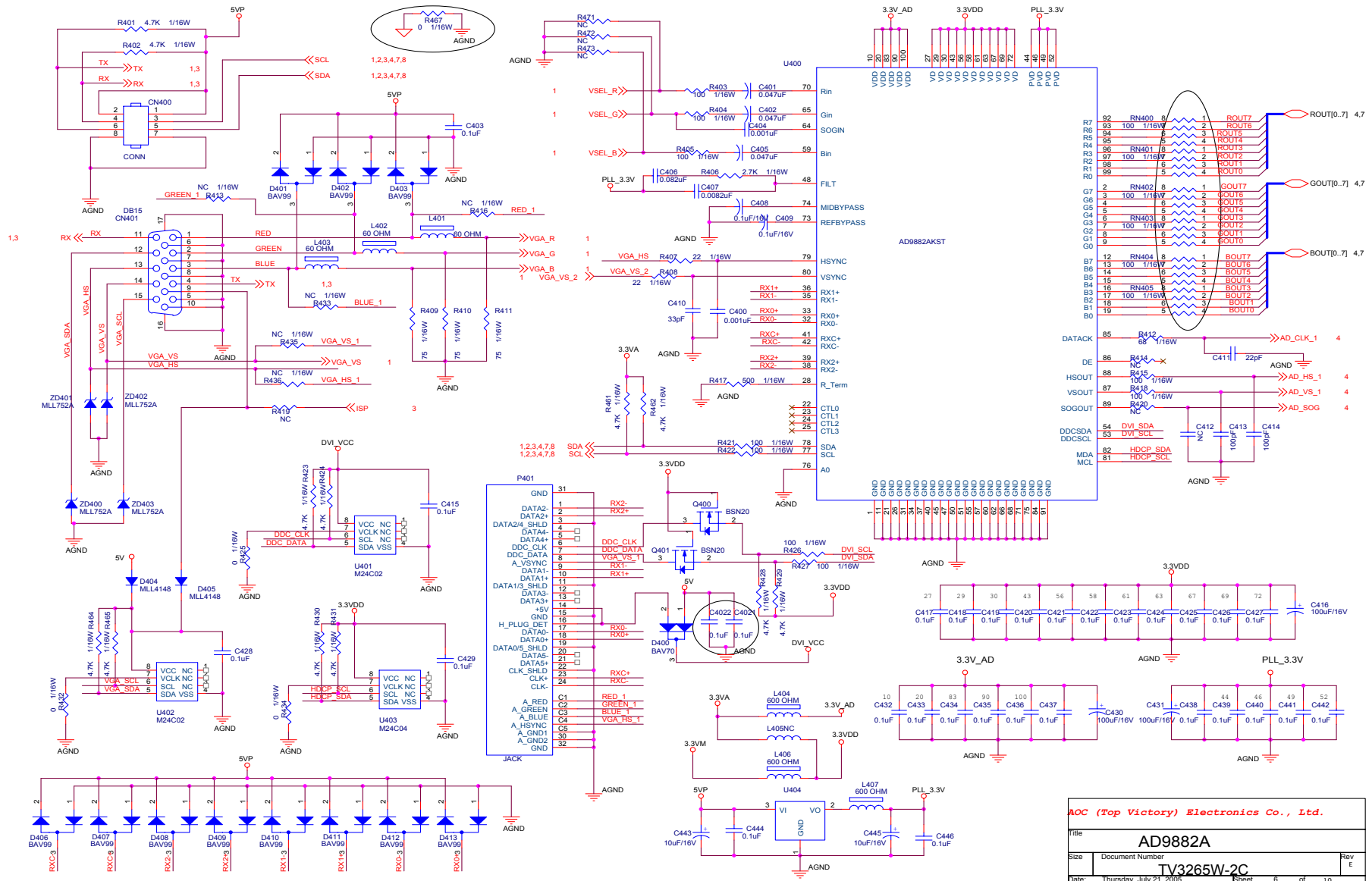


# TCL LCD32B67

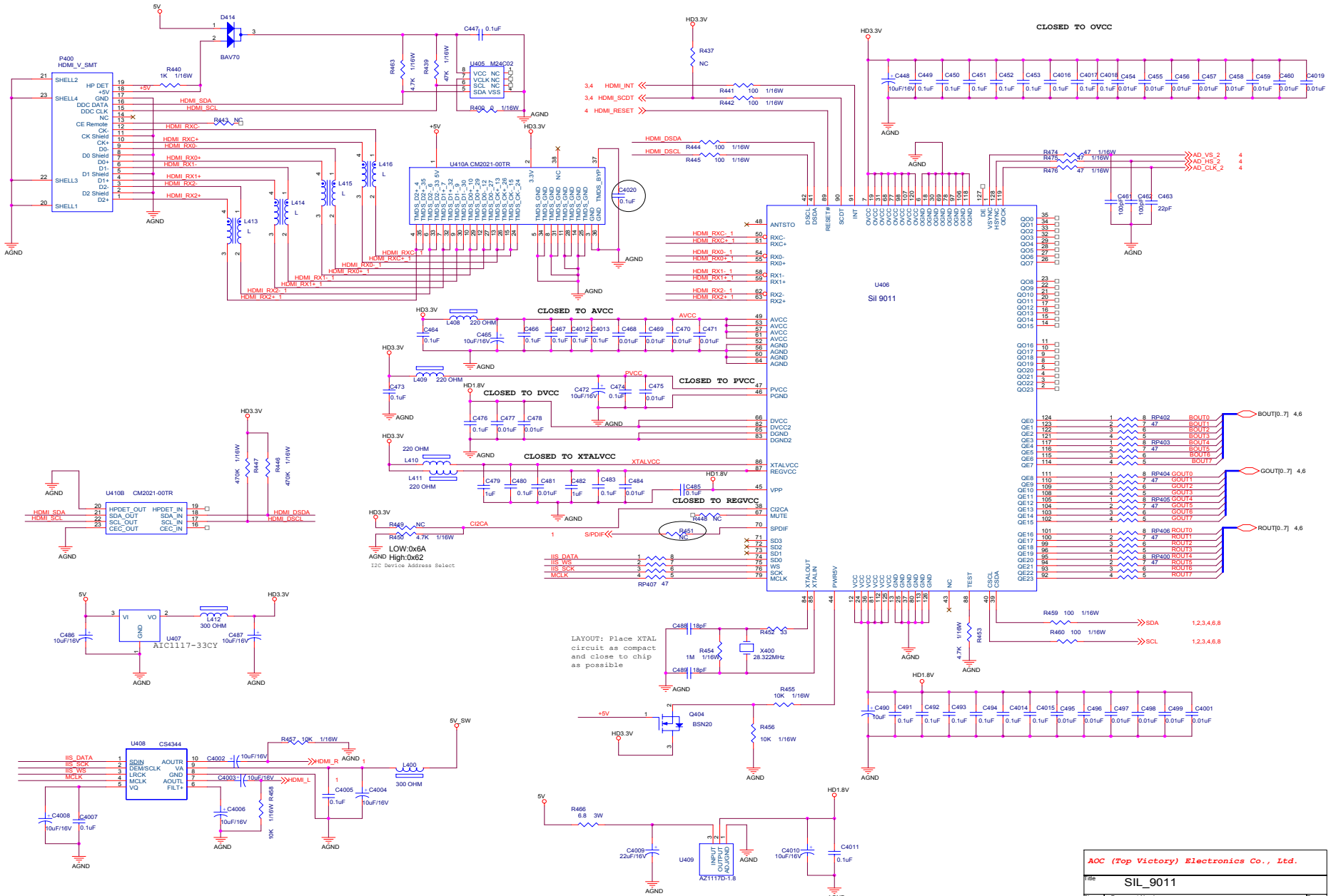


Title				
SPV301 POWER&GND				
Size B	Document Number TV3265W-2C			Rev E
Date:	Thursday, July 21, 2005	Sheet	5	of 10

# TCL LCD32B67

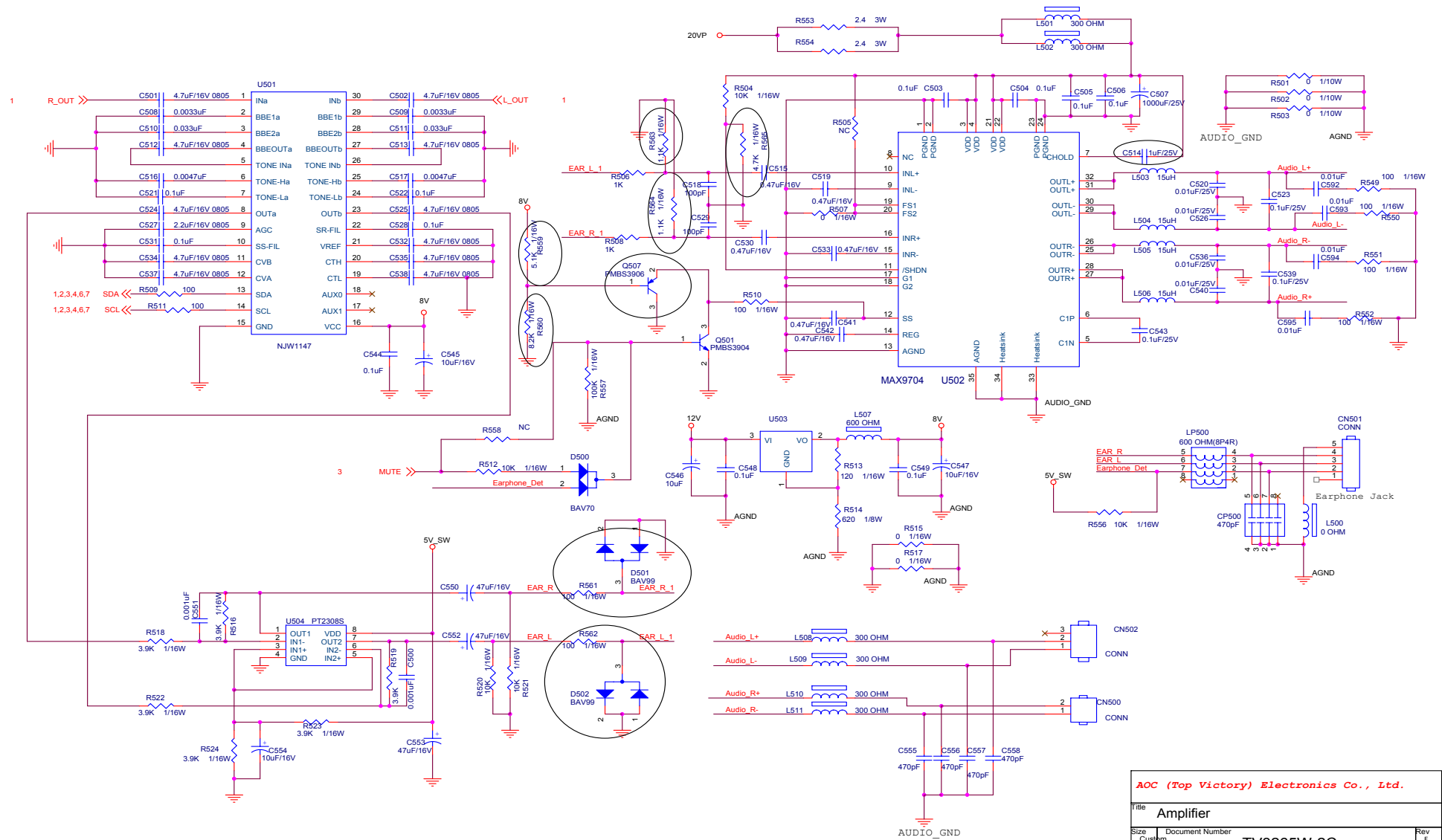


# TCL LCD32B67



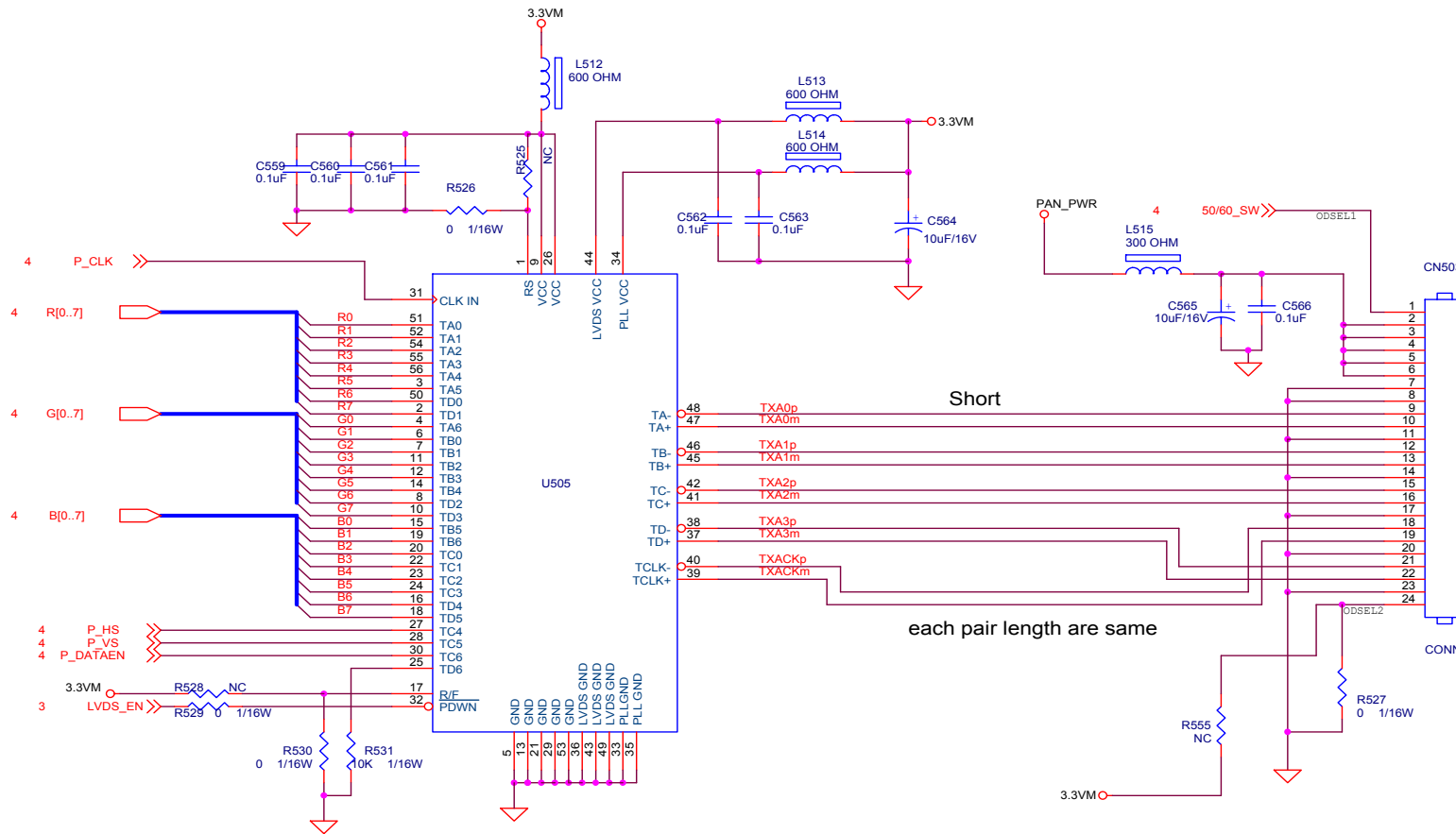
AOC (Top Victory) Electronics Co., Ltd.			
File	SIL_9011		
Size	Document Number	TV3265W-2C	
Date	Thursday, July 21, 2005	Sheet	7 of 10

# TCL LCD32B67



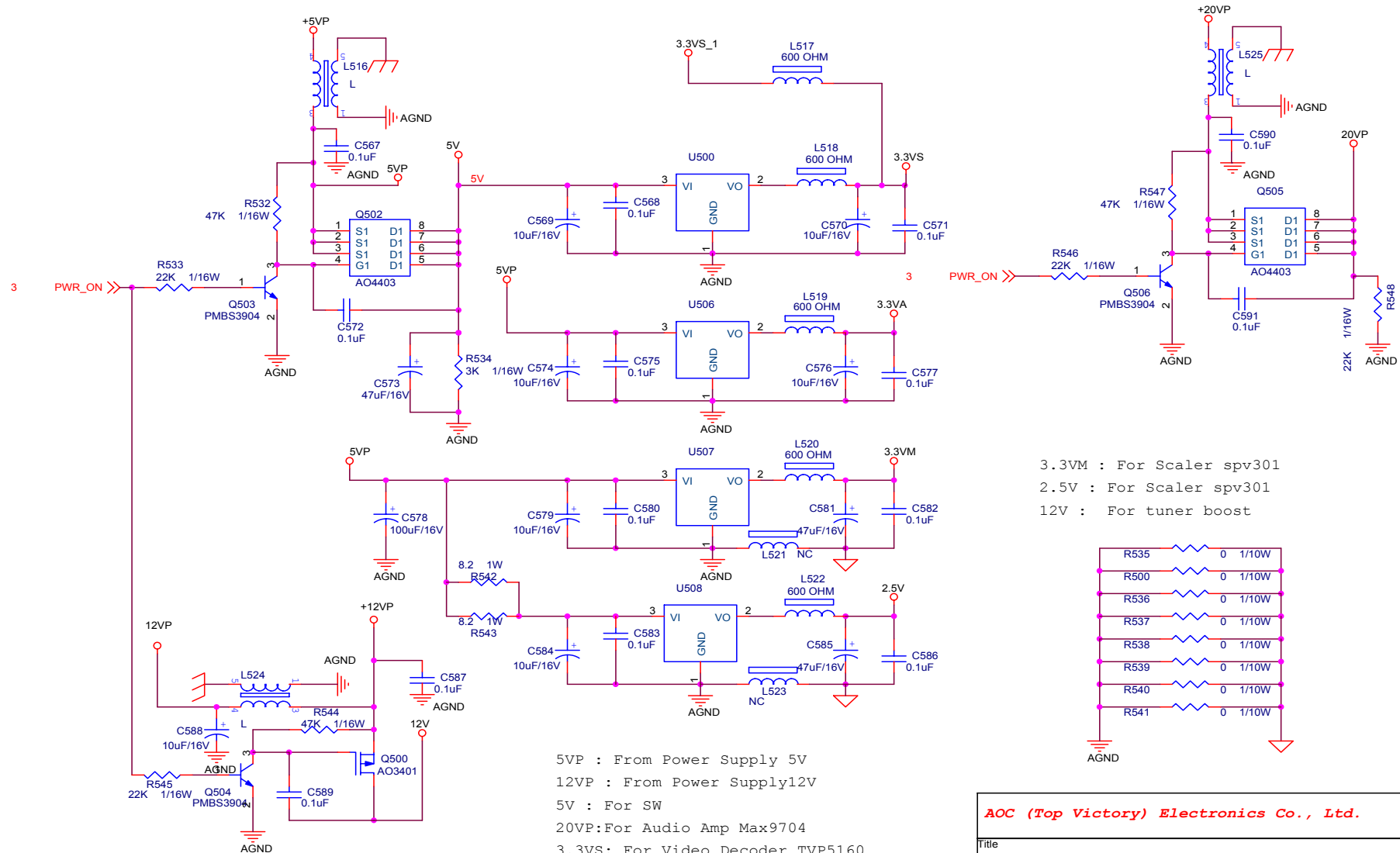
AOC (Top Victory) Electronics Co., Ltd.			
Amplifier			
File	Document Number	Rev	
Size	Custom	TV3265W-2C	
Date:	Thursday, July 21, 2005	Sheet	8 of 10

# TCL LCD32B67

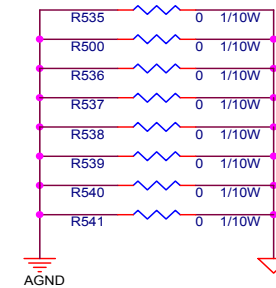




# TCL LCD32B67

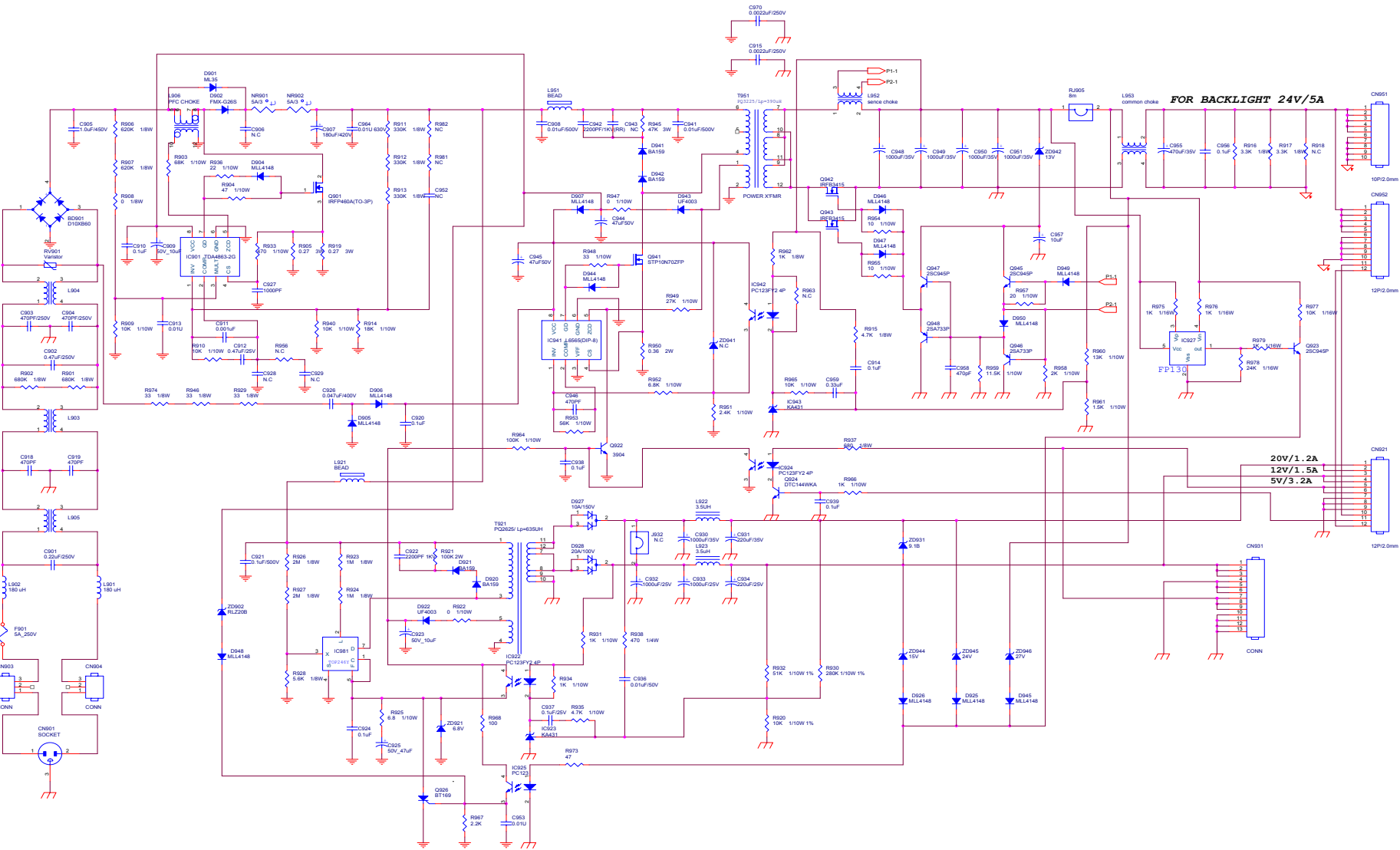


3.3VM : For Scaler spv301  
 2.5V : For Scaler spv301  
 12V : For tuner boost



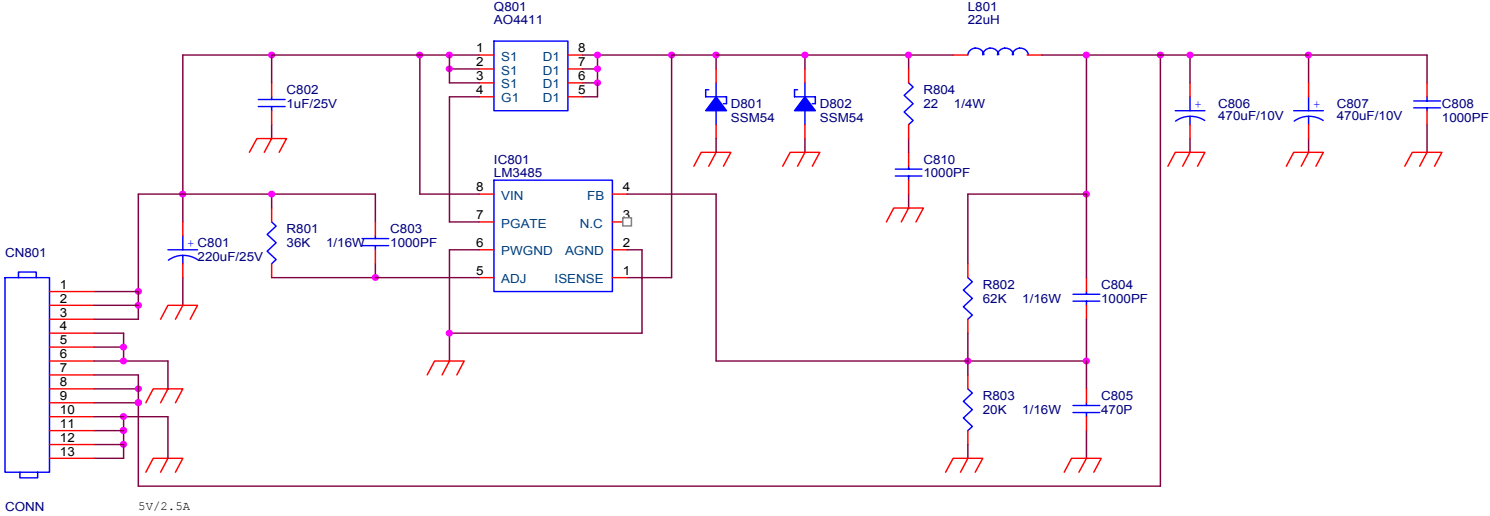
AOC (Top Victory) Electronics Co., Ltd.			
Title			
POWER			
Size A4	Document Number	TV3265W-2C	Rev E
Date: Thursday, July 21, 2005	Sheet	10	of 10

12-2 ADAPTER BOARD



Title			Rev.
ADPF24180A2			
Size	Document Number		
Custom	<Doc>		
Date	Tuesday, March 29, 2005	Sheet	1 of 2

TCL LCD32B67



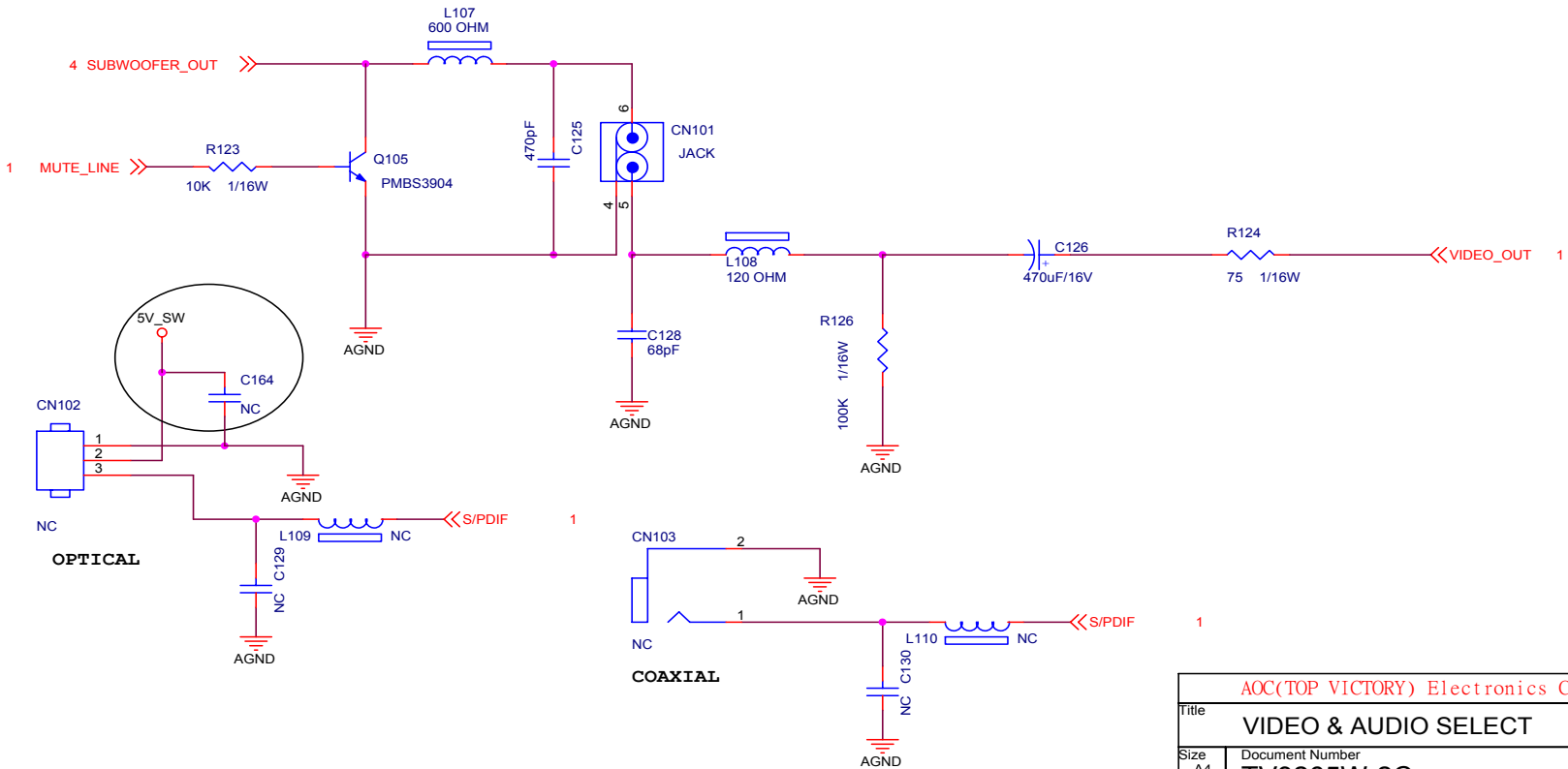
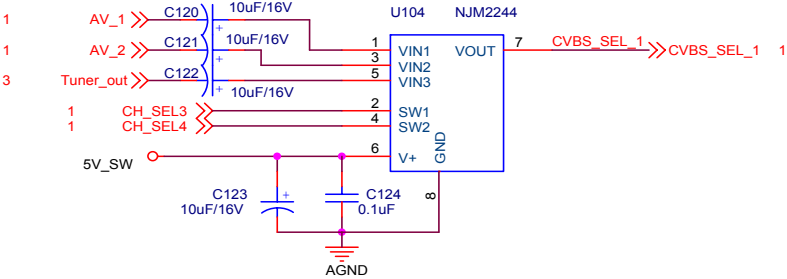
Title		
DCPF1205A1		
Size B	Document Number <Doc>	Rev <RevCode>
Date:	Tuesday, March 29, 2005	Sheet 2 of 2

**TCL LCD32B67**



U104		
SW1	SW2	CVBS_SEL_I
0	0	AV1
1	0	AV2
X	1	TUNER

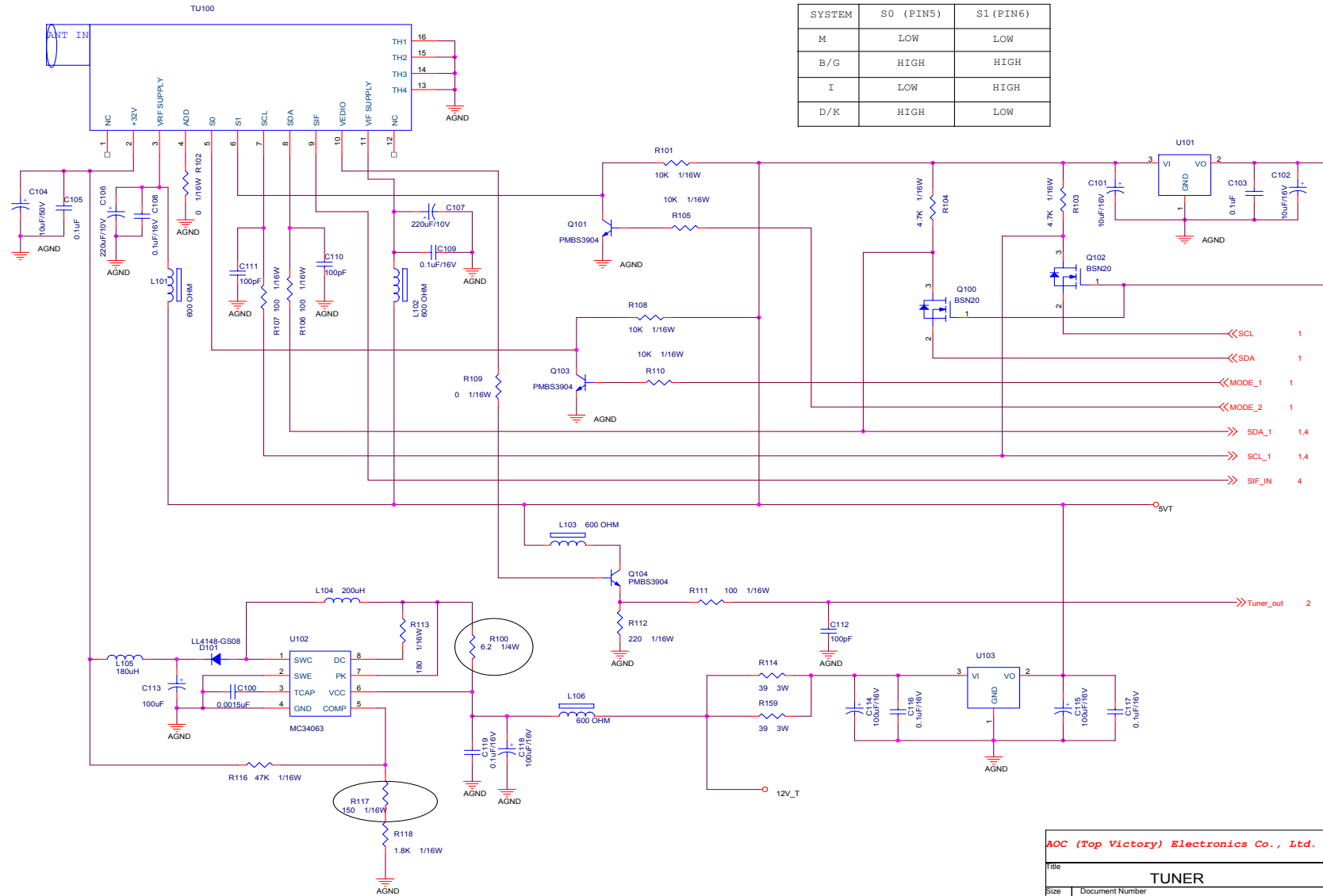
# TCL LCD32B67



AOC(TOP VICTORY) Electronics CO., Ltd		
Title		
VIDEO & AUDIO SELECT		
Size	Document Number	Rev
A4	TV3265W-2C	B
Date:	Tuesday, May 24, 2005	Sheet 2 of 4

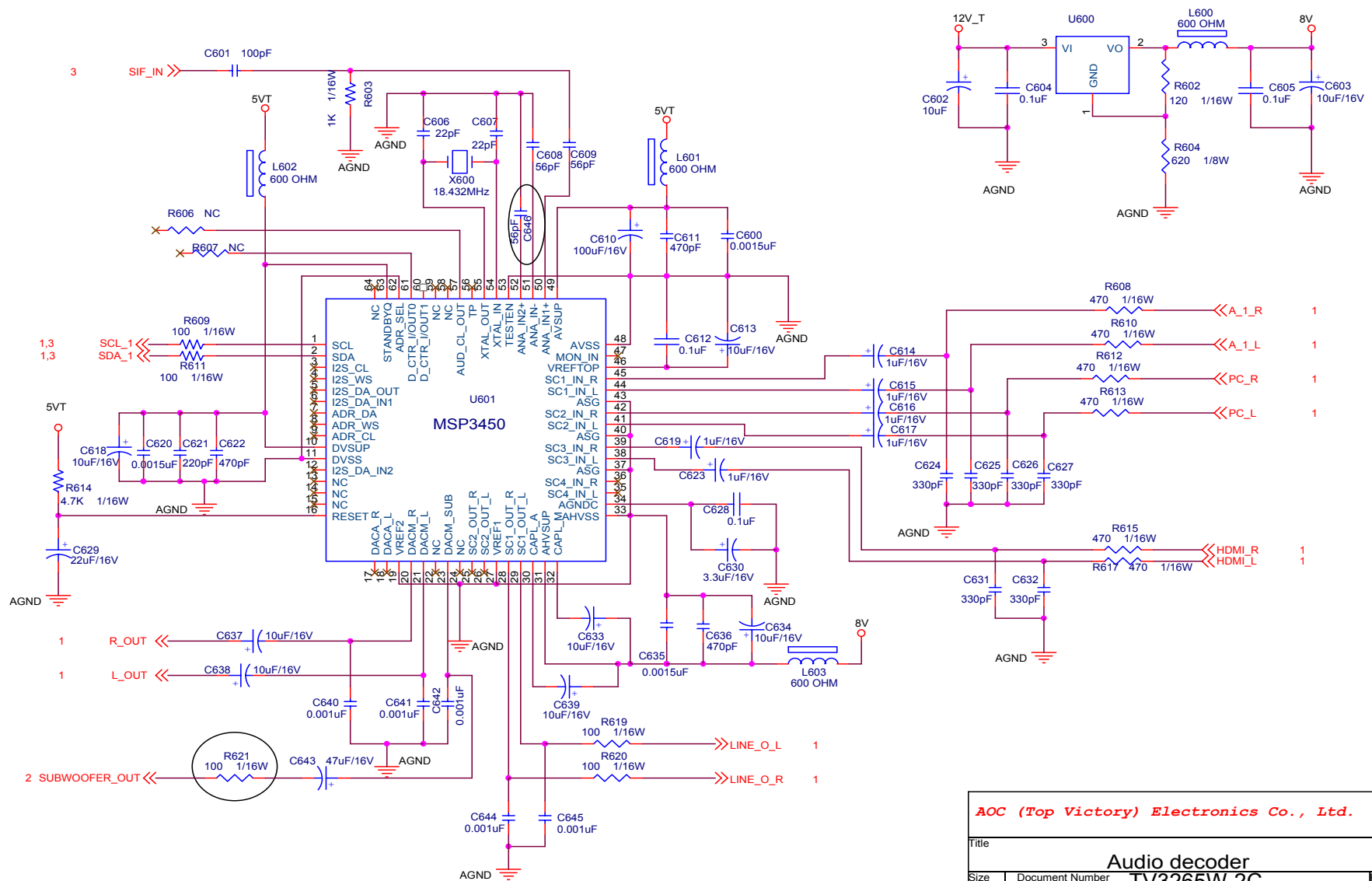
# TCL LCD32B67

SYSTEM	S0 (PIN5)	S1 (PIN6)
M	LOW	LOW
B/G	HIGH	HIGH
I	LOW	HIGH
D/K	HIGH	LOW



AOC (Top Victory) Electronics Co., Ltd.			
Title		TUNER	
Size	Document Number	TV3265W-2C	
A3		Rev B	
Date:	Tuesday, May 24, 2005	Sheet	3 of 4

# TCL LCD32B67



AOC (Top Victory) Electronics Co., Ltd.			
Title			
Audio decoder			
Size A4	Document Number	TV3265W-2C	Rev B
Date:	Tuesday, May 24, 2005	Sheet	4 of 4